

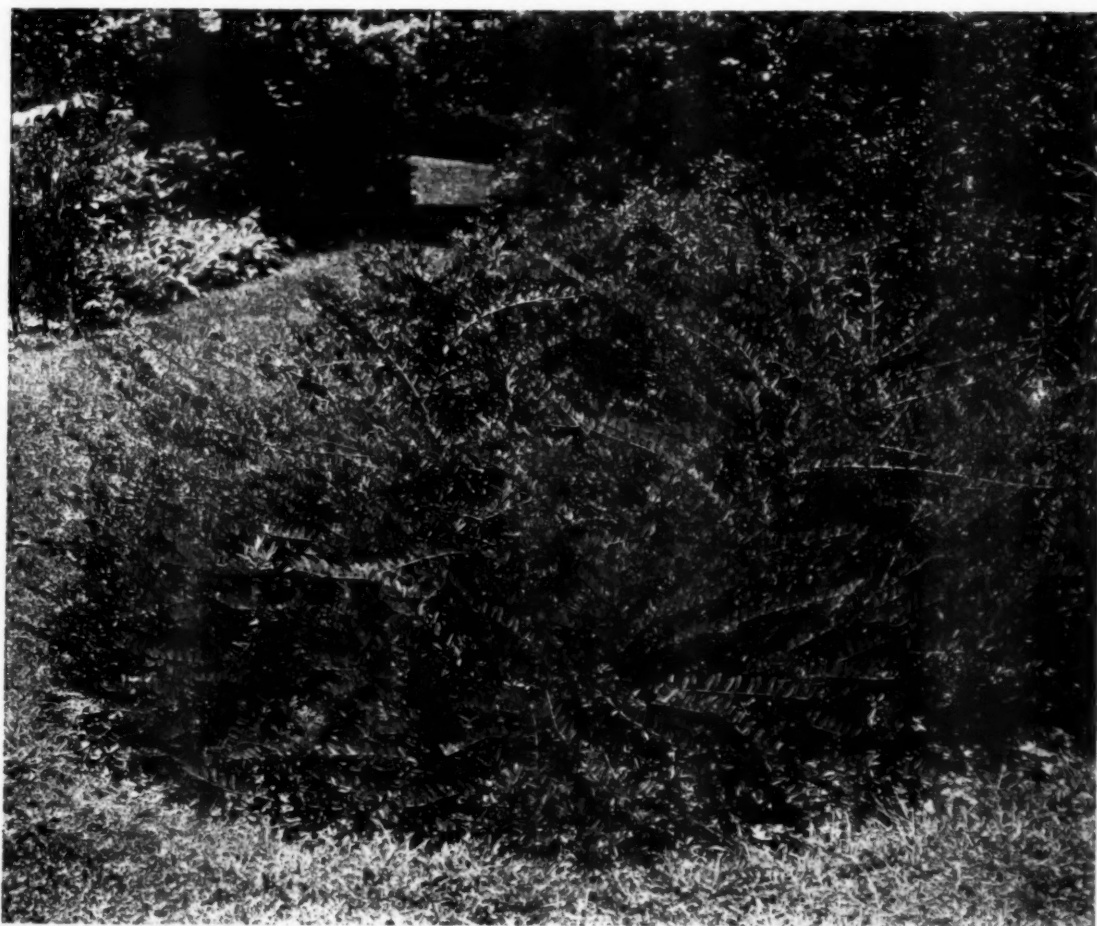
JAN 20 1944

University of Tennessee
Agricultural Library

AMERICAN NURSERYMAN

The Nurseryman's Forte: To Make America More Beautiful and Fruitful

JANUARY 15, 1944



Lonicera Pileata

**Record Attendance at Chicago Meeting
Western Association Convention
Postwar Markets for Nursery Stock
Some Southwestern Natives**

Editorial

A PREDICTION.

When so many folks are rashly making predictions in new year's statements, we are willing to venture that a large proportion of the millions of victory gardeners will fill their plots with ornamental shrubs at the war's end. By that time many a homeowner will be so tired of wielding the spade and the hoe that he will ask his local nurseryman to fill that bare space in the garden with something that will grow without daily attention.

The theory is that of the pendulum, of Babson's principle of action and reaction, of the human desire for change. Railroad men are looking forward to record-breaking civilian travel on the same theory. It's as old as the human race and still as valid as ever.

CUT CATALOGUE PAPER.

In preparing their plans for catalogues for the coming year, mail-order houses using large quantities should recognize the necessity of curtailing the use of paper because of the restriction by the War Production Board on the quantities allowed commercial printers.

Commercial printers who used less than ten tons of paper per quarter in 1941 in nongovernmental printing are exempt from the allocation order. But printers who used between ten and thirteen and one-third tons per quarter in 1941 are restricted to ten tons per quarter in 1944, and all commercial printers who used more than thirteen and one-third tons per quarter in 1941 must reduce consumption by twenty-five per cent.

It is obvious that a commercial printer who is doing business with all his 1941 customers will have to curtail their use of paper, though some commercial printers who have lost customers may have extra paper for remaining customers and so require less curtailment by them.

WOODEN CONTAINERS.

No extension has been made of the general permission to shippers to use new boxes and box lumber which were in their inventory October 25, under the amendment to WPB order L-232. As issued October 25, the order prohibited the use of new

wooden containers for the shipment of ornamental trees and shrubs, among numerous other items. By amendment, shippers were permitted to use boxes and lumber from their inventory for a period of sixty days.

In order to use new boxes and new box lumber for shipping ornamental trees and shrubs now, or the coming spring, individual firms must make their separate appeals to the War Production Board. For this purpose, a letter should be directed to the Containers Division, War Production Board, Washington 25, D. C., listing new boxes or new lumber on hand according to the board feet of uncut lumber, board feet of lumber cut to length, numbers and sizes of boxes made up and the uses to which they are to be put. If fruit trees and berry plants are shipped together with ornamental trees and shrubs, estimates should be supplied of the percentages of each in such shipments.

No restriction prevails on the use of new boxes or lumber in the shipment of fruit trees and berry plants.

No restriction applies on the use of secondhand boxes, and shippers would do well to save all such containers.

Regardless of the restrictions of the War Production Board, the lumber situation is acute, and supplies will be increasingly difficult to obtain.

GUIDES TO THE TREES.

In days gone by the popular picture of a tourist was with a guidebook in hand, whether it was a Baedeker abroad or something similar at home, in which was set forth the abbreviated information on monuments, tombs and museums that were considered the sights of prime interest in those days.

Times have changed somewhat, and with the automobile new guidebooks have appeared. The most popular sellers now seem to be those having to do with eating places.

In a more enlightened and relaxed era maybe there will be made available more and better guides to the local sights that nature provides, the trees and other native plants which make one locality picturesque in a way different from another. Up to the present time preparation of such guides has been largely the work of the National Park Service, and in relatively few places in the country are they available. For the information of this kind which

The Mirror of the Trade

it disseminates, that agency of the government is to be highly commended.

Recently this service has become more local, since the service, operating the national capital parks at Washington, D. C., has prepared not only a 4-page mimeographed check list of the trees and shrubs to be found in the Washington parks, but also a chart of the trees and shrubs to be found in individual parks, such as Farragut square and Lafayette square, with descriptive material on the reverse side of the sheet.

One wonders whether material of this kind, compiled under the guidance of some local organization of nature lovers, would not be of great educational value to both children and adults in many towns and cities. Nurserymen who see the market for their stock expanded most largely by the public's increased knowledge of it might find a way to foster such local guides to trees and shrubs in parks or other public places.

MORE TRACTORS.

Donald M. Nelson, chairman of the War Production Board, announced January 7 that production of wheeled tractors, used principally on farms, was responding favorably to the combined efforts of the manufacturers, the War Food Administration and the War Production Board to obtain increased output. Mr. Nelson said that telegraphic reports from manufacturers show that December production of tractors was the largest for any month in two years—in excess of 20,000, as compared with a production of 4,200 in December, 1942.

CAN RELEASE FARM WORKERS IN SLACK SEASON.

According to recent announcement of the Selective Service, farm workers registered in class II-C and class III-C will not forfeit their deferred status if they engage temporarily in other essential work during the slack season in farm work. Where employment on the farm is not needed during the winter, such workers are encouraged to obtain temporary releases so as to help in essential industry. Temporary releases are obtainable by steps prescribed in Selective Service regulations.

AMERICAN NURSERYMAN

[Registered U. S. Patent Office]

The Nurseryman's Forte: To Make America More Beautiful and Fruitful

VOL. LXXIX, No. 2

JANUARY 15, 1944

CONTENTS

Record Attendance at Chicago Meeting.....	5		
Western Association Convention	9		
By John J. Pinney			
Postwar Markets for Nursery Stock.....	13		
By Richard P. White			
Charlie Chestnut	16		
Some Southwestern Natives	28		
By C. W. Wood			
Editorial	2	Snow Hits Oklahoma Meeting... 8	Coming Events
—A Prediction	2	Missouri Meeting	24
—Cut Catalogue Paper	2	Kansas Meeting	24
—Wooden Containers	2	Iowa Winter Meeting	24
—Guides to the Trees	2	Southwestern News	24
—More Tractors	2	Massachusetts Meeting	24
—Can Release Farm Workers		Lonicera Pileata	24
in Slack Season	2	Please Tell Nick	24
Letters from Readers.....	4	This Business of Ours.....	24
—Some Quarantines Good.....	4	—Planning for the Future.....	25
—Nursery in the Wilds.....	4	—Journal of the Kew Guild.....	25
Can Stretch Fungicides.....	4	Obituary	26
In Country's Service	4	—Harold McFadden	26
A. A. N. to Meet in July.....	7	—Dallas Dupre, Sr.	27
Griffing Gaining	7	—Frederick W. Barclay.....	27
Borsch Is Busy	7	—Leonard E. Zink	27
Hayler in Hospital.....	7		

INDEX TO ADVERTISERS

Acorn Bag & Burlap Co.	35	Forest Nursery Co., Inc.	29	Mount Vernon Nurseries.....	30
American Bulb Co.	26	Foster Nursery Co.	23	Musser Forests	20
American Florist Supply.....	32	Gardner's Nurseries	21	Natorp Co., W. A.	17
American National Bag & Burlap Co.	34	George & Son, Jas. I.	23	New Amsterdam Co.	32
Andrews Nursery Co.	29	Hansen Nursery, Carl A.	35	Pacific Coast Nursery.....	31
Ariens Co.	32	Harrison's Nurseries	19	Perry Nursery Co., O. H.	22-25-27
Atkins Sons, L.	35	Heasley's Nurseries	23	Peterson & Dering, Inc.	31
Augustine Nurseries	22	Herbst Bros.	23	Pontiac Nursery Co.	18
Bagatelle Nursery	23	Hess' Nurseries	21	Portland Wholesale Nursery Co.	31
Bailey Nurseries, J. V.	29	Hill Nursery Co., D.	36	Princeton Nurseries	21
Belt Seed Co., Inc.	26	Hinsdale Nurseries	19	Ressel, Richard P.	30
Bergen Florist Supplies.....	32	Hobbs & Sons, C. M.	29	Rhode Island Nurseries.....	23
Blue Ridge Gardens.....	25	Holton & Hunkel Co.	16	Rich & Sons Nursery.....	30
Bobbink & Atkins	21	Howard-Hickory Co.	26	Robinson, E. D.	23
Boxwood Gardens	29	Howard Rose Co.	31	Sarcosie Nurseries	25
Boyd Nursery Co.	25	Hydroponic Chemical Co.	34	Scarff's Sons, W. N.	29
Broadway Rubber Mfg. Co.	32	Ilgentriz Sons Co., I. E.	25	Shepard Nurseries	23
Burr & Co., C. B.	21	Jackson & Perkins Co.	21	Sherman Nursery Co.	29
Burton's Hill Top Nurseries.....	27	Kallay Bros. Co.	27	Sherwood Nursery Co.	17
Buse, J. H.	20	Kelsey Nursery Service.....	22	Smith Corp., W. J.	27
California Nursery Co.	26	Kemp Mfg. Co.	34	Sneed Nursery Co.	27
Carroll Gardens	27	Koster Co., Inc.	21	Somerset Rose Nursery.....	26
Chase Co., Benjamin.....	34	LaBarr's Rhododendron Nursery.....	23	Southern Nursery & Landscape Co.	29
Chase Nursery Co.	19	Lake's Shenandoah Nurseries.....	14-15	Storrs & Harrison Nurseries.....	29
Clark & Co., W. B.	22	Leonard & Son, A. M.	34	Summit Nurseries	29
Classified Ads	33	Lovett, Lester C.	23	Swink Nursery Co.	30
Colby Pioneer Peat Co.	34	McFarland Advertising Service.....	12	Treadwell Nursery Co.	27
Curtis Nurseries	22	McGill & Son, A.	31	Verhalen Nursery Co.	27
Daniels, Inc., C. R.	35	McHutchison & Co.	35	Walker Nurseries	27
Dayton Fruit Tree Label Co.	34	Meehan Co., Thos. B.	34	Want Ads	32
Doty & Doerner, Inc.	31	Milton Nursery Co.	31	Weller Nurseries Co.	27
Dow Chemical Co.	19	Moran, E. C.	26	Westminster Nurseries	23
Dunnell, Arthur	23	Morse Co., A. B.	34	Willis Nursery Co.	25
Evergreen Nursery Co.	27	Mount Arbor Nurseries.....	27	Wilson's Nursery, C.	29
Fairview Evergreen Nurseries.....	35			Woodruff & Sons, Inc., F. H.	26
Felins Tying Machine Co.	35				

Published on the first and fifteenth of each month by American Nurseryman Pub. Co., 342 S. Dearborn St., Chicago 4, Ill. Telephone: Wabash 8194. Subscription rates: \$1.00 per year; outside United States, \$1.50; single copies, 10c. Entered as second-class matter December 14, 1933, at Chicago, Ill., under act of March 3, 1879.

Letters from Readers

SOME QUARANTINES GOOD.

In the December 15 issue of the *American Nurseryman* I notice that I was credited with the statement that no quarantine against insects had really been successful. This may leave the wrong impression, and I am quite certain that I was misunderstood or possibly the statement was changed before it went to press.

In speaking at the meeting of the Minnesota Nurserymen's Association, I stressed the fact that a number of state quarantines are unnecessary and serve only as trade barriers. Again, there are a number of state quarantines which have never been enforced and which are not revised and kept up to date at any time. I am opposed to a number of poorly administered quarantines. I am opposed to quarantines that are not biologically sound.

There are a number of good quarantines which are providing the protection as stipulated. It would be a great mistake to have an impression left that I am opposed to quarantines. Although I am sure that my colleagues throughout the country would look upon the statement in the magazine as a mistake, it might be well to have this corrected in order to avoid misunderstanding of my intent.

T. L. Aamodt.

NURSERY IN THE WILDS.

While recovering from an operation I shall take time to send some comments for your columns. Your publication grows better each year, and it is a great help to keep one informed on all points of the trade.

I have always wanted to try my hand on a bit of unspoiled woodland, using the ax as well as the spade to create a home of comfort, convenience and beauty. So a few years ago I retired from professional practice as a landscape architect and purchased 100 acres of wooded hills and dells in a county of Tennessee which is seventy-five per cent forest land. Here, I felt, was a place where my wife and I could attempt some welfare work among underprivileged folk. We could undertake a demonstration by creating a home of the materials at hand—trees, rock, sand and gravel—and doing most of the work ourselves.

While still practicing in Virginia, I grew from seeds and cuttings in our garden enough evergreens and shrubs to do what planting would

be needed about the new homestead. These were trucked to Oak Sea when we moved and were planted in rows among the stumps until building operations had reached the stage for their permanent planting.

Now here is where we got into trouble. The grapevine telegraph was in such good working condition that folks just had to come and see what the queer guy was up to. People who had never seen a nursery or heard of one wanted to buy our plants. So even here in this wilderness, we were, in self-defense, compelled to plant a small nursery—and enlarge it. From county seats have come calls for professional service. In the middle of a 100-acre woods, a half mile from the highway, on Lewis branch (your local geographical place of residence is on some creek), you will find Oak Sea Nursery supplying a beauty-starved people with "brush and briars" for base planting. To induce youngsters to improve in two ways, we offer to each one living on Lewis branch, from its forks to its mouth, who graduates from grade or high school or college, or all three, an evergreen as a gift for each diploma earned. To date, four grade school and two high school and college claims have been honored.

And there seems to be a lot of fun ahead! Thanks to the acquaintance of many fine nurserymen in several states, I have learned some of the details of growing ornamental stock. To them and the *American Nurseryman* I owe a debt of gratitude for thus deriving some pleasure out of life.

Carl Colfax Osborne.

CAN STRETCH FUNGICIDES.

Shortages of orchard spray materials are not anticipated, but should they occur, the Connecticut agricultural experiment station can point to data showing that stretching them over the whole orchard should give better pest control than concentrating them on a few trees.

One of the significant finds in apple spray experiments conducted the past two seasons by E. H. Stoddard, plant pathologist at the station, was that the rate of control of apple scab fell much more slowly than the proportional cutting of spray material concentration. For instance, cutting the amount of sulphur from one pound to one-fourth pound per tree, instead of reducing the scab control seventy-five per cent, as might be

expected, gave only a twelve per cent reduction. Another experiment showed that four pounds of sulphur per hundred gallons of water was almost as effective as eight pounds in the same amount of water. In actual crop loss the difference is even less because scab was not severe enough on much of the fruit to cause a reduction in quality or grade. Experiments on the reduction of concentrations of several different chemicals in the control of disease and insect pests on vegetables gave similar results.

Reduction of materials is worth considering not only where shortages are concerned, but where high prices of materials might overbalance the slight gain in pest control expected from the use of twice or three times the concentration of spray.

IN COUNTRY'S SERVICE.

LIEUT. WALTER W. HILLENMEYER is now in England, according to a letter received early this month by his family at Lexington, Ky.

PFC. WILLIAM CONWAY, son-in-law of Robert Essig, of the Pontiac Nurseries' Detroit office, recently went overseas.

LOUISE ROBINSON, daughter of E. D. Robinson, Wallingford, Conn., is completing her training as a cadet nurse at the Russell Sage training school, Troy, N. Y.

ALL three of the sons of F. C. Boyd, of the Boyd Nursery Co., McMinnville, Tenn., are in the southeast. Robert W. Boyd is at Miami, Fla., after active service in the navy. Pfc. J. Austin Boyd is in the chemical warfare division at Camp Siebert, Ala. Hubert Boyd, recently inducted, is at Camp Wheeler, Macon, Ga.

FREDERIC J. GROOTEN-DORST, son of the secretary of the Michigan Association of Nurserymen, A. M. Grootendorst, Benton Harbor, Mich., is in the navy V-12 group at the Illinois Institute of Technology, Chicago. Daughter Ann Grootendorst last fall became the bride of Ensign Richard Van Kloster Bruns at Harvard University, where he is in training.

ELLEN KUMLIEN, Y2C, United States coast guard, was married January 9 to First Lieut. Carnot Larson, who is in an antitank division now ready to go overseas. The ceremony was held at Indianapolis. Lieutenant Larson is a resident of Pittsburgh, and Miss Kumlien is the daughter of Mr. and Mrs. L. L. Kumlien, Dundee, Ill.

Record Attendance at Chicago Meeting

The strategic focus in place and time of the convention of the Illinois State Nurserymen's Association brings to Chicago each January the largest attendance of any midwinter meeting, or for that matter of any meeting except the conventions of the national organization. This year, reflecting preparations for a spring business even more active than that of a year ago, the attendance at Chicago during the days of the Illinois meeting, January 11 to 13, was the largest for several years. To say that the total number of those present during the week, including nurserymen, their salesmen and those with something to sell to nurserymen, approached the mark of 300 is not an exaggeration. Important figures in the trade from the Atlantic to the Pacific and from the Canadian border to the Gulf coast were present, with a heavier representation than before of nurserymen within an overnight ride of Chicago.

The influx began on Sunday preceding the state convention, when the executive committee of the American Association of Nurserymen started its midwinter sessions, and affiliated groups began holding their sessions.

To permit the traders ample opportunity for doing business, the Illinois association held meetings only in the afternoon January 11 and 12, the business session following on the morning of January 13, with a luncheon session following.

The opening session was called to order Tuesday afternoon by President Arthur E. Schroeder, who presided jointly with Arthur H. Hill, A. A. N. regional committeeman. Launching immediately into his president's address, Mr. Schroeder briefly pointed out the part that nurserymen had played in the past year in the war effort by aiding the victory garden movement, increasing their production of farm and vegetable products, sending many men into the service and making liberal purchases of war bonds. He referred to the importance of postwar planning, to be dwelt on later. The increase in dues voted last year was reported to have been accepted by all the members, and the association will now have enough dues to function adequately, with a portion laid aside for an emergency fund. To indicate how the work of the association goes on through the year, he outlined the matters discussed and acted upon at the monthly meeting of the directors.

Arthur H. Hill made a brief ad-

dress. He urged preparation for a heavy postwar demand for nursery stock, asserting that it was not necessary to do more than to consider the era of prosperity which followed the earlier war to realize what is ahead. The current housing shortage will be made up when supplies and labor are available again, and much material for landscaping will be needed.

Frank S. LaBar, A. A. N. president, spoke briefly and introduced the other members of the executive committee who were present.

Miles W. Bryant, secretary of the state association, outlined the program for the three days and presented information about the principal speakers to indicate the importance of their messages.

Those speakers occupying the remainder of the afternoon were em-



Arthur E. Schroeder.

phatic in their presentation of the need for strong trade associations in the war era and the postwar period. Richard P. White, A. A. N. executive secretary, had for his subject, "The Three R's," in this instance applying to regulations, rationing and restrictions. He dwelt on the various orders as they affected nurserymen. His remarks covered the same ground as at the meeting of the Western association the preceding week, and they are fully covered on another page reporting that event.

Dr. Alfred P. Haake, managing director of the National Association of Furniture Manufacturers, Chicago, followed with an address on "Trade Associations and Winning the War." A fluent and entertaining speaker, Dr. Haake gave some illustrations of the

means whereby trade associations had assisted those at Washington in the present period, and ways in which they might have been of more service had their offers been heeded. In the postwar period, he predicted, the voice of business must be heard if the American way of life is to be preserved. Seldom is the individual businessman able to make his voice heard in national affairs, and hence the great value of trade associations in the larger governmental field, where it is important to get accurate information and sound advice before those who make our legislation and apply the regulations thereunder, at Washington, D. C.

An innovation at this year's meeting was the arrangement of a luncheon on the second and third day, so that members and guests could assemble promptly for the afternoon sessions. At the luncheon January 12 about 160 were present, while a fair number increased the audience later to hear the program following.

Headliner was Nathan Shefferman, of long experience in the field of personnel management and at present working with Sears, Roebuck & Co. in the retail stores, mail-order houses and factory branches. Rapid and forceful in his delivery, he reiterated that employer-employee relationships depend upon maintaining the employee's interest and individuality. He pointed out that the concern of the individual employee is primarily for himself and his loyalty and service to the organization in which he is employed depend upon the regard of the employer for his welfare. Most of all, said Mr. Shefferman, the employee desires recognition of what he is doing and his success in doing it. It has been found that recognition is prized by the workers far above actual wages. But the pressure for wages is the only method by which employees, particularly in large groups, can seek recognition, and hence too much emphasis may be laid on the financial phase of employer-employee relationships. As a matter of fact, he emphasized, the fair, honest and generous employer usually cultivates employees of the same quality. The golden rule, after 2,000 years, is still the best guide in this problem of management.

Memorial Plantings.

William A. Natorp, Cincinnati, chairman of the A. A. N. subcommittee on war memorials, related that

a report of this committee read at the meeting of Ohio nurserymen last summer, while he was in the hospital, had brought him much correspondence on the subject. Publication of that report in the *American Nurseryman*, and subsequent publication of parts of it in garden periodicals, brought more letters and the committee will develop the subject further. He presented the report as it appeared in the *American Nurseryman* and displayed in the back of the hall the three designs which his organization had prepared as suggestions for war memorials of different types of plantings.

Will O. Doolittle, secretary of the American Institute of Park Executives, spoke briefly to affirm the interest of his organization in the subject of war memorials and thought that a joint committee of the two organizations and of the American Society of Landscape Architects might develop a still larger scheme so that the memorials after this war might be more beautiful, dignified and lasting than those erected after World war I.

The remainder of the afternoon was taken by the talk of Richard P. White, A. A. N. executive secretary, on "The Nurseryman's Postwar Market." He presented in summary the results of surveys made in different directions to establish the possible postwar market for nursery stock. His review of this situation is presented in full in a series of four articles, of which the first appears in this issue of the *American Nurseryman*.

Room at the Top.

The featured speaker at the luncheon on Thursday was Carlyle Emery, of the advertising firm of Ruthrauff & Ryan, Inc., Chicago, who had addressed the convention several years ago and this time gave an inspiring talk under the title of "I Want to Be President!" His theme was that by the American way of life the humblest member in any business organization has an opportunity to advance in accordance with his capacity. If he had the ambition, industry and ability he could fulfill his ambition to be president of the company he served or to form his own business and operate it according to his own ideas. All forms of government, whatever the label, which deprived citizens of this prerogative were contrary to the American way of thinking. He painted a rosy picture of the future, quoting the gloomy forecasts of other eras, back as far as Benjamin Franklin, as

examples of the mistakes of a pessimistic attitude.

Business Session.

Business of the organization was completed at a session Thursday morning, January 13, when about forty persons gathered in the American room.

Encouraging was the report of Secretary Miles Bryant that, although a higher schedule of dues had gone into effect for the current year, the percentage of members paid up by this date was higher than before. Treasurer Ernest Kruse indicated receipts from this source of \$2,080 up to January 1. Expenditures during 1943 were \$1,390.69, leaving a balance of \$1,172.51 in contrast with a balance of \$483.20 on January 1, 1943. The special legislative fund has a balance of \$106.72 after disbursements of \$97.15 during the past year.

Richard H. Jones, A. A. N. executive committeeman, Nashville, Tenn., talked about rising nursery costs and the relationship to profits, handing out the forms printed by the A. A. N. on which members might estimate the percentage of labor costs, supplies costs and overhead costs which go into the expense of their business operations. The tabulation of estimates made at earlier meetings by 217 A. A. N. members showed interesting results. Landscape nurserymen indicated labor 48.8, supplies 18.7 and overhead 32.5 per cent. Retail nurserymen indicated labor 44.2, supplies 19 and overhead 36.8 per cent. Wholesalers indicated labor 54.4, supplies 18.4 and overhead 27.2 per cent. Then estimates of increases in these various items of costs were requested, so that each individual might determine how much his costs had advanced since 1941 and consequently what his prices should be today to offset that change. The 217 firms mentioned above reported an average increased cost of 35.7 per cent since 1941.

This talk was followed by a discussion of the advantages to every nurseryman of membership in the American Association of Nurserymen, by its president, Frank S. LaBar. His remarks were reinforced by an appeal for additional Illinois members by Charles Fiore.

A. H. Burger was given a hand for his excellent arrangements and the decorations in the meeting room.

The secretary read the report of the committee on resolutions, composed of Charles Fiore, John Tures and George E. Galeener, expressing the loss and regret of the association

in the demise of a considerable list of members during the past year.

R. C. Becker reported for the nominating committee and the current officers were unanimously re-elected. They are: President, Arthur E. Schroeder, Des Plaines; vice-president, Elmer Palmgren, Glenview; treasurer, Ernest Kruse, Wheeling, and secretary, Miles W. Bryant, Princeton.

According to the nominating committee's report, Richard P. Theidel, Hinsdale, was reelected to the board of directors, and Roy Clavey, Deerfield, was chosen for the remaining vacancy. Holdover directors are Charles Fiore, A. H. Hill, William B. Hagen, Elmer Palmgren and Arthur E. Schroeder.

A. A. N. Chapter Meeting.

After the close of the convention, members of the Illinois A. A. N. chapter met and elected for the ensuing year the same officers as those of the Illinois association and, as additional members of the executive committee, Richard P. Theidel and Ernest Kruse.

President Frank S. LaBar said that the board of governors would be larger this year than ever before, and nearly 100 would compose the board at the Cincinnati convention if all chapters are fully represented. The association's goal is 1,000 members, not so distant when it is considered there are 850 now and over 100 have been added in the past year. Probably 1,000 would be all that the organization could serve efficiently and it might be necessary to set a limit at that figure.

The election of delegates to the coming convention is left to the executive board at a later date.

Convention Notes.

The D. Hill Nursery Co. had an exhibit of lining-out stock and balled and burlapped taxus in an upper room of the Hotel La Salle, since no arrangements for an exhibition room were made at this year's convention.

Meetings of several affiliated organizations were held for conference of the members present, including the American Association of Plant Patent Owners, All-America Rose Selections, Inc., and Wholesale Fruit Tree Growers' Association.

The A. A. N. executive committee was treated to a duck dinner at Dundee, Ill., with Arthur H. Hill as host, a successful repetition of last year's event.

Another annual affair was dinner at the home of Jesse Straus, Glenview, Ill., followed by appearance of A. A. N. officers and others at the meeting of the Highland Park Gar-

den Club. Those making the trip to the northern suburb were Frank S. LaBar, Stroudsburg, Pa.; R. P. White, Washington, D. C.; Bj. Loss, Lake City, Minn.; Lloyd C. Stark, Louisiana, Mo.; Robert Pyle, West Grove, Pa.; W. Ray Hastings, Harrisburg, Pa., and N. I. W. Kriek, Lansing, Mich.

Dick White missed his luncheon January 11 because he assisted his daughter and grandson in their passage through Chicago between trains on the way from San Francisco to his home at Washington. They will live there now that Lieut. George A. Vradenburg has sailed for active duty in the Pacific.

At the opening session of the Illinois meeting Secretary Miles W. Bryant called attention to two of the oldest members and past presidents of the Illinois State Nurserymen's Association who were in the room, George Klehm, Arlington Heights, and A. M. Augustine, Normal, Ill. He said that a recent letter from Louis Dintelman, Belleville, Ill., who last year missed his first meeting since the organization was formed, stated that he had suffered a paralytic stroke November 16, but had wholly recovered the use of his faculties since.

Long-distance travelers to the convention were Bert Miller, of the Milton Nursery Co., Milton, Ore., and Paul Doty, of Doty & Doerner, Inc., Portland, Ore. The latter continued on to the southeast to visit plantings of camellias in Georgia, Florida and adjacent states and the camellia shows at Charleston and Jacksonville.

Dr. Leo R. Tehon, head of the department of plant pathology and botany of the Natural History Survey, Urbana, Ill., who contributed articles on diseases of trees to the American Nurseryman until his time was too much occupied in war activities the past year, is especially occupied at present in producing penicillium, an efficacious drug produced as a wild fungus.

C. C. Mayhew, of the Texas Nursery Co., Sherman, Tex., who was kept away from the Kansas City meeting by a severe cold that confined him to bed, recovered in time to be at Chicago.

Corp. John C. Fiore arrived home from the Aleutians December 26 to spend three weeks before reporting to the rest area at Miami Beach, Fla. Charles Fiore brought the family in from Highland Park for the session January 12—leaving only his grandson at home.

His 11½-year-old son, Dick, was still in the hospital at Princeton, Ill., after a successful appendectomy

January 5, when Miles W. Bryant left for Chicago to manage the smooth-running convention.

GRIFFING GAINING.

W. C. Griffing, head of the Griffing Nurseries, Beaumont, Tex., underwent a second and major operation January 3 at the John Sealy hospital, Galveston, Tex. His attending physician advises that he is getting along well and will be fully recovered once he has regained sufficient strength to be up and around once more. He expected to be confined to the hospital for another ten days or two weeks, but is now able to receive visitors and has expressed much pleasure over the cards, letters and flowers received from various members of the trade.

Lieut. Ralph Griffing, who was present at the time of the first operation, returned to his post at Mississippi State College December 30. Mrs. W. C. Griffing is with Mr. Griffing at Galveston.

BORSCH IS BUSY.

Excellent business for the past year is reported by William Borsch & Sons, Maplewood, Ore., specializing in alpine and perennials. Although Fred J. Borsch has been bothered with muscular rheumatism, he has been kept hard at work by the loss of most of his experienced men. Gasoline rationing has cut local garden sales greatly, but has added to the mail-order business. Many orders have had to be turned down because of the necessity of curtailing production for lack of labor. Because of higher costs of production, prices have been ad-

vanced moderately on most items, but to a greater degree on plants difficult to propagate. Mr. Borsch will talk to the Men's Garden Club at Corvallis next month on dwarf conifers, of which he has a good collection, and he will speak later over radio station KWJJ on new and better perennials.

HAYSLEER IN HOSPITAL.

Ernest Haysler, proprietor of the Cloverset Flower Farm, Kansas City, Mo., and manufacturer of Cloverset pots, is a patient at the Trinity Lutheran hospital, Thirtieth and Wyandotte streets, Kansas City, Mo. Mr. Haysler underwent an operation at the Mayo clinic, Rochester, Minn., in the middle of December and will be confined to the hospital for some time. His condition is serious. Mr. Haysler's son, Capt. Kenneth Haysler, is stationed at Bremerton, Wash.

A. H. REED, Boise, Ida., reports that he is starting a nursery this spring.

W. G. McKAY has bought another farm at Waterloo, Wis., part of which will be used for the additional production of nursery stock.

WILLIAM A. NATORP has bought an additional 70 acres adjoining his nursery tract, at Cincinnati, O., in anticipation of the post-war demand for materials.

THE business of H. V. Madsen, Elmhurst, Ill., was sold to Frank Amador last autumn. He is operating as Amador's Landscape Service and reports good business this season.

A. A. N. To Meet in July

The executive committee of the American Association of Nurserymen met at Chicago, January 9 and 10, in its regular midwinter session. Of chief importance was the decision to hold a meeting of the board of governors next July, at the Hotel Netherlands-Plaza, Cincinnati, O. No convention was held last July, nor did the board of delegates meet, the interim business being handled by the executive committee. While it is not expected that victory is so close that a general convention can be held in 1944, it was thought necessary to convene the board of governors to elect new officers and carry forward the operations of the association. In charge of the arrangements at Cincinnati will be a committee composed of William A. Na-

torp, Cincinnati, chairman; Clarence O. Siebenthaler, Dayton, O., and Louis E. Hillenmeyer, Louisville, Ky.

The association has gone forward in the promotion of memorial plantings through the medium of its landscape letter and other forms of publicity available without undue expense to the association.

The whole membership of the committee was in attendance, including President Frank S. LaBar, Stroudsburg, Pa.; J. Frank Sneed, Oklahoma City, Okla.; Treasurer Arthur H. Hill, Dundee, Ill.; Richard H. Jones, Nashville, Tenn.; Bj. Loss, Lake City, Minn.; J. A. Armstrong, Ontario, Cal.; Edwin J. Stark, Louisiana, Mo., and Secretary Richard P. White, Washington, D. C.

Snow Hits Oklahoma Meeting

By Leo Conard, Secretary

Heavy snow which began falling the night before severely cut the attendance at the annual winter meeting of the Oklahoma Nurserymen's Association, January 7, at the Huckins hotel, Oklahoma City.

President N. D. Woods, in his president's address; emphasized there was a shortage of stock and we should be ready to anticipate the rising costs, but we should not get our prices too high. He brought out how the war had affected our business. He stated that 22,000 new houses had been built in and around Oklahoma City and had been planted by men who put eight or ten plants around a house and received only \$10 or \$15 per house, while the law required \$50 per unit to be spent. The nurserymen's association should have known this and demanded that more be spent. He pointed out this was one of the troubles our association could remedy.

Outlook for Industry.

Frank LaBar, president of the American Association of Nurserymen, discussed the work of the association, pointing out its far-reaching effects on the whole industry. So well did he present his case that five new members were added to the A. A. N. from Oklahoma.

Mr. LaBar pictured the immediate future as follows: The labor problem would be alleviated as manufacturers completed orders for war goods. He forecasted a brilliant future for the nursery business.

Postwar planning was the subject of an address by Dick Jones, manager of the Pittsburgh Plate Glass Co., Oklahoma City. Mr. Jones emphasized the importance of each community's doing its own planning rather than having its program outlined by Washington. No one knows the local needs better than the residents of the community. By the same token, each businessman will have to do his own planning. Trade associations and chambers of commerce can help, but how well prepared a businessman is to meet postwar conditions will depend upon how much thinking and planning he does for himself.

Tree Planting Program.

The governor's tree planting program was presented by Glen Durrell, state forester. The plan calls for planting 1,000,000 trees in the state

during 1944, on farms, in suburban areas and about homes. During February, March and the first half of April, one week will be devoted to publicizing a different type of tree, such as forest, ornamental or evergreen.

If one tree were planted for each person in Oklahoma, the number would be increased to 2,300,000 trees. Mr. Durrell stated all Boy Scouts, 4-H Clubs, garden clubs, civic clubs, commercial clubs and schools would be given publicity about this campaign, to start January 10.

There is to be an organization for each community and an organization for all rural schools. He gave the



N. D. Woods.

following outline of publicity to be sent out: January 10 to 23, tree seeds; January 24 to 30, shade trees; January 31 to February 6, evergreens; February 7 to 13, fruit trees; February 14 to 20, forest trees; February 21 to 27, farm forest plantings; February 28 to March 5, memorial planting; March 6 to 14, landscaping, and March 14 to 17, redbud.

He stated that at all times all kinds of plantings would be stressed and that this period probably would go past Arbor day. His idea in breaking down the publicity by groups of trees by periods is that more syndicated publicity could be given. He requested that each nurseryman in Oklahoma supply him a list of trees they had sold in this drive, as Governor Kerr wanted to go down as the tree planting governor and 2,300,000 was just a starter. A com-

mittee of the Oklahoma Nurserymen's Association is to be selected to assist in this drive.

At luncheon Joe C. Scott, president of the state board of agriculture, made an interesting talk. He stated that his nursery inspectors were not snoopers and should not be thought of as a pest to the nursery industry, but that they were a trained organization to help nurserymen.

In reporting on victory gardens, Mr. La Crone, of the Oklahoma A. & M. College, said that 296,000 gardens had been planted in Oklahoma, and he did not know how many more were not reported.

The nursery inspector, Clyde A. Bower, gave a survey of his department's work during the past year. He gave a summary of what pests had been found. He stated there had been a marked decline in the number of nursery dealers in the state the past season.

W. D. Kenyon, Oklahoma City, was scheduled to present the victory garden program for 1944, but was unable to attend on account of illness.

Officers reelected for 1944 were N. D. Woods, Oklahoma City, president, and Leo Conard, Stigler, secretary-treasurer. W. D. Kenyon, Oklahoma City, was elected vice-president to succeed Brad Milstead, Shawnee, who was recently inducted into the army.

Local nurserymen entertained Frank LaBar at the Rainbow room with a steak dinner and all the trimmings on the evening of January 7, making up in the warmth of their welcome for the deficiency in numbers caused by the snowstorm.

Mr. LaBar and Mr. Durrell were voted honorary members of the association.

A report was given by each member of his immediate family or close relatives and employees who were in service. So far as was reported, A. G. Hirschi, of Oklahoma City, who lost his son in service, was the only member present who had lost one of his immediate family in action. Leo Conard, Sec'y.

J. W. FIKE, Hopkinsville, Ky., received a second daughter into his family January 8, by name Mary Joe. The elder sister, Ann, is 5½ years old.

Western Association Convention

By John J. Pinney

Opening its 1944 convention January 5 with an attendance of nearly 100 at the Hotel Muehlebach, Kansas City, Mo., the Western Association of Nurserymen was off to a good start on its fifty-fourth year.

President J. Frank Sneed, Oklahoma City, began the meetings by having each one rise, give his name, the name of his nursery and his home town. This revealed that no less than ten different states were represented by those present.

The favorable consideration of four applications for membership resulted in the addition of the following firms to the association: Tole Landscape Service, Independence, Kan.; Wolfe's Nursery, Ross Wolfe, Stephenville, Tex.; Mount Hope Nursery, W. C. Salome, Mount Hope, Kan.; Sunset Nursery, Dewey Bender, Wichita, Kan.

Secretary-treasurer Clifton C. Smith, Charles City, Ia., read his report, which showed that the financial affairs of the association are in excellent condition. Not only is there a substantial cash balance on hand, but the association owns war bonds costing \$611.

The address of welcome was given by Carter Tucker, immediate past president of the International Optimists Clubs. Mr. Tucker, who is a prominent Kansas City attorney, stressed the fact that in the last analysis the responsibility for postwar planning rests with each individual citizen. He must think the problem through for himself and then give expression to his belief through whatever channels are open to him.

The response to Mr. Tucker's welcome was given by Charles A. Scott, Prairie Garden Nursery, McPherson, Kan.

President Sneed had prepared no formal address, but he emphasized the importance of the victory garden program to the nursery industry. Nurserymen had an important part to play in organizing the victory garden movement. The program will be bigger than ever in 1944. Following up Mr. Tucker's suggestions, Mr. Sneed urged nurserymen to keep their congressmen and senators informed of their views on legislation affecting the nursery industry.

Fruit Tree Situation.

Present and future conditions in the fruit industry were ably discussed by Dr. William F. Pickett, head of

the department of horticulture, Kansas State College.

Fruit tree planting in the great plains area, where trees are comparatively short-lived, said Dr. Pickett, goes in cycles. Whenever there is a good fruit crop interest in planting revives. If the crop is poor, interest lags. While consistent planting should be encouraged, there is danger in too much pressure for planting by individuals who do not know how or are not genuinely interested. The reaction that follows failure is often too great.

Dr. Pickett presented startling figures to show the enormous reduction in peach trees in Kansas during the past fifty years. Fifty years ago there



Harold Crawford.

were six million peach trees in Kansas that produced one million bushels per year more than California. In 1920 the number had dropped to one million and by 1941 there were only 100,000.

The same condition prevails on apple trees all over the country. Although the number of trees has declined steadily, the production figures have not fallen off in the same proportion because of more efficient orchard management. In 1920-21 the average American consumed sixty-seven pounds of apples per year. By 1940-41, in spite of the publicity campaigns, the per capita consumption had dropped to only thirty-eight pounds. On the other hand the per capita citrus fruit consumption went up from twenty-six pounds to sixty-five pounds.

Dr. Pickett does not recommend

unlimited planting of peaches in the midwest. The problem is one of production rather than marketing. Little has been done toward standardizing peach varieties, but progress is being made now. An outstanding example is the Halehaven peach. This resulted from a cross made at the South Haven experiment station in Michigan in 1924. It was introduced to the trade in 1932 and by 1943 was planted in larger quantities than any other variety—with one exception. Much work is being done now to produce peach varieties adapted to certain areas and markets.

In Germany and Poland, where apples were produced on a large scale before the war, it is estimated that from one-third to one-half of the orchards have been lost since 1939. This was due partly to wartime neglect, but chiefly to the extremely severe winters that killed the trees.

At the December meeting of the American Pomological Society, at St. Louis, it was decided to form a national fruit council to advise our federal government about the export of fruit and fruit trees after the war. England will also be short of nursery stock because so much of it was destroyed to make the land available for food production.

Dr. Pickett concluded his remarks by stating that in his opinion the only way the fruit industry can go after the war is upward.

A. A. N. Activities.

Frank S. LaBar, president of the American Association of Nurserymen, opened the afternoon session with an address entitled, "What the American Association of Nurserymen Is Doing for the Nursery Industry." President LaBar paid high tribute to Secretary Dick White for his work in Washington. His wide acquaintance among government officials and his firsthand knowledge of the Washington setup enable Secretary White to cut through the red tape and protect the interests of the nursery business.

President LaBar is optimistic about the future of the nursery industry. The postwar building of homes, public and semipublic buildings, memorial and park planting and highway planting are some of the outlets he mentioned. The greatest menace to our progress is the encroachment of the federal government on private enterprise. Already one-fifth of the entire area of the country is owned by the

federal government. Twenty per cent of the industrial capacity of the United States is owned by the federal government.

On the other hand, the federal government has recognized the importance of trade associations and is turning to them more and more to secure information about industry and disseminate information to industry. The A. A. N. has at present 815 members in forty-five states, an all-time high. President LaBar's goal for this year is 900 members, and he hopes to see 1,000 in 1945.

A high light of the convention was Secretary Dick White's report on the wartime functions of our national association. Trade associations are the only organizations that look after the interests of the businessman in his dealings with the government. This is especially important now that the government directives have the effect of law and many of them hamper industry without furthering the war effort. It is apparent now that, if trade associations had not existed before the war, they would have had to be created.

Service to members is the only excuse for the existence of trade associations. One of their biggest jobs in wartime is the interpretation of rules, regulations and directives, and their translation into understandable English—a big job when one realizes that even their authors are not always sure of their meaning.

Federal Legislation Impending.

Secretary White referred to pending federal legislation of importance to nurserymen. One proposal is to double the third-class postage rate as a source of additional tax revenue. Such an increase would add greatly to the operating costs of mail-order nurserymen.

Numerous federal agencies are engaged in the distribution of seeds, feeds, fertilizers and nursery stock, but these agencies are not subject to the fees and inspections required of private industry. A recent bill remedying this condition was passed by Congress, but vetoed by the President. The fight has not been given up because new bills have been introduced in both the House and the Senate. Nurserymen should write their congressmen that they favor the passage of H.R. 3405, and urge their senators to vote for Senate bill 1421.

It is the considered opinion of Secretary White that the OPA will not establish price ceilings on nursery stock. Too many varieties and grades are involved, and quality has not been standardized. Therefore, there is no just basis for price ceilings.

Forecasting the supply situation

for 1944, Secretary White reported that more commercial fertilizer will be available than last year. He predicts there will be thirty per cent more nitrogen and twenty per cent more phosphate, but ten per cent less potash because the latter is still a critical war material. Rubber bud strips should be plentiful, but wholly synthetic; experiments with them indicate they will be satisfactory. The burlap supply is increasing. There was a big crop of jute in India last year and our government has purchased large stocks. With an increased supply of new bags, more used burlap will become available for nursery use.

Supplies.

There are now no restrictions on the use of binder twine for harvesting and marketing agricultural products for which the nursery industry qualifies. There will be no sisal, but good substitutes are available.

Fiber containers will be increasingly difficult to obtain, and lumber will become scarcer. There is no opportunity to build up a supply of pulp and lumber because the labor for cutting it is not to be had. The gasoline situation will probably get worse, especially in the middle west and on the west coast. The supply will be drained off as the tempo of the war is stepped up in the Pacific. There is plenty of synthetic rubber, but not sufficient manpower to convert it into tires for civilian use.

It is difficult to predict what will happen to the transportation. If the government can come to terms with the unions, the railroads will probably be given back to the owners to operate. If not, and the army continues to operate them, strict priorities may be established.

In many sections of the country, labor is becoming more plentiful because of cutbacks and shifts in production. This will be a gradual process, but there is some evidence that there may even be an unemployment problem by the end of 1944.

Postwar prices, in the opinion of Secretary White, will level off on a higher plane than before the war. Some degree of inflation will be necessary to bring the national income up to at least 125 billion dollars, an income that is necessary for the raising of 20 billion to 24 billion dollars in taxes that will be required for servicing and refunding the national debt.

Secretary White concluded his discussion by emphasizing a point made by Carter Tucker in his address of welcome, namely, that the burden of postwar planning will fall on the individual. As far as the nursery indus-

try is concerned, all that the A. A. N. can do is to help point the way.

Half Century of Prices.

Thursday morning the convention was given an unscheduled treat. Henry B. Chase, Chase, Ala., presented a chart showing the trend of wholesale prices on nursery stock from 1906 to 1942. The prices were taken from the fall wholesale lists of the Chase Nursery Co. A graph of these prices would show that they were quite low before World war I, but they went along on an even keel year after year, changing little or not at all. Hybrid tea roses remained unchanged at 12½ cents from 1906 to 1913 inclusive. With World war I, prices began to advance and continued to climb until they reached their peak with roses at 45 cents in the fall of 1921. Then the reaction set in and prices dropped for two or three years, when they leveled off again, but at a higher level than before the war. From 1923 to 1930 H. T. roses were 35 cents. In 1931 they were 25 cents and then they dropped to 15 cents in 1932 and 1933; 1934 saw them rise to 25 cents and from then until 1942 they fluctuated from 20 to 25 cents. The chart showed that fruit tree prices fluctuated more than ornamental prices.

Mr. Chase pointed out that many nursery firms which survived the depths of the depression were able to do so only because they had built up a reserve during prosperous times. If another depression follows World war II it will be a wise organization that has a backlog to meet it. The greatest danger to the industry is overproduction. When plenty of help is available again, he said, it will be a temptation to push production to the limit. An encouraging note can be found in the fact that the public is now plant-conscious as never before, so that we can expect a broader market for our products.

Real Estate Development.

An address on the importance of nursery stock in the development of real estate was given by J. C. Nichols, Kansas City. Mr. Nichols is well qualified to discuss this subject because he is the founder and head of the J. C. Nichols Companies, developers of the famous Country Club residential areas in Kansas City, one of the most successful real estate projects in America.

Mr. Nichols started in the early part of the century with an unpromising tract of land without trees and otherwise barren. This he had the courage to plant liberally with trees,

knowing it would be many years before he could sell the land for home sites. When he began to build homes, he always encouraged the buyer to landscape his grounds, but often met resistance. Many a homeowner did not want the front of his house obscured by "brush." Overcoming this prejudice was a long hard pull, but today no Nichols home is sold until it is completely and skillfully landscaped. Mr. Nichols traced the travels of the porch from the front of the house around to the side and finally to the rear, resulting in the development of garden areas and outdoor living rooms.

All streets in the Nichols' developments, 120 miles of them, are planted uniformly to suitable species. These trees are given the best of care, because Mr. Nichols believes that well kept street trees are more important than plantings inside the property lines.

Mr. Nichols' predictions on post-war real estate development were of special interest to nurserymen. The federal government estimates that 1,000,000 to 2,000,000 new homes will be required annually. The National Real Estate Board is more conservative; its estimate is 600,000 to 800,000 new homes annually. It can readily be seen this will create a huge potential market for nursery stock. Most big builders, stated Mr. Nichols, now realize the importance of good planting on the original job.

Fruit Moth Quarantines.

There was some discussion on the floor of the convention as to the Oriental fruit moth quarantines that were extended this year. Eight of the far western states have quarantines against fruit trees and flowering forms of fruit trees originating in nearly all other states. Fumigation with methyl bromide is required before shipping into the western states.

Many entomologists believe that the Oriental fruit moth is not carried on young smooth-barked fruit trees, but rather in the fruit itself or the fruit package.

Upon motion of Chet G. Marshall, Marshall's Nurseries, Arlington, Neb., the president was instructed to appoint a committee of three to work with the federal bureau of entomology and plant quarantines in an effort to collect evidence that young fruit trees are not carriers.

Officers Elected.

The remainder of the morning session was devoted to committee reports and the election of officers. Officers for 1944 are: President, Harold S. Crawford, Ottawa, Kan.; vice-president, Evert Asjes, Jr., Kansas City,

Mo.; secretary-treasurer, C. C. Smith, Charles City, Iowa.

The executive committee is: Ross Minich, Overland Park, Kan., and Evert Asjes, Jr., Kansas City, Mo., for one year; Frank Pflumm, Shawnee, Kan., and S. R. McLane, Kansas City, Mo., for two years; Vernon Marshall, Arlington, Neb., and Harley J. Deems, Charles City, Ia., for three years.

The membership committee includes Ralph Ricklefs, Salina, Kan., chairman; W. D. Kenyon, Oklahoma City, Okla.; F. C. Bruening, Higginsville, Mo.; H. W. Stuhr, Lincoln, Neb.; R. S. Twitty, Texarkana, Tex.; Ross Wolfe, Stephenville, Tex., and Harold Parnham, Des Moines, Ia.

The program committee comprises S. R. McLane, Kansas City, Mo., chairman; Charlie Williams, Kansas City, Mo., and Lawrence Wilson, Kansas City, Kan.

Convention Notes.

Honors for long-distance traveling to the convention went to Henry B. Chase, Chase, Ala.; Paul Doty, Doty & Doerner, Portland, Ore., and Les Akenhead, C. W. Stuart & Co., Newark, N. Y. (We don't count those inveterate travelers President Frank LaBar and Secretary Dick White, of the A. A. N.)

At least nine entomologists from three states were in attendance at the meetings: Dr. H. B. Hungerford, Prof. R. H. Beamer, Prof. George A. Dean, L. A. Calkins and R. G. Yapp, of Kansas; J. Allison Denning, Lester Davis and Corbin C. Goff, of Missouri, and L. M. Gates, of Nebraska.

Clyde Graham, formerly nursery inspector of Missouri, but now representing the Thompson-Hayward Chemical Co., Kansas City, enjoyed two days visiting with his many friends in the nursery trade.

The Kansas state highway department was represented by its landscape architect, Franklin T. Rose, and his assistant, Henry Skinner, both of Topeka.

A beautiful bouquet of yellow roses, presented to the association by the Chandler Landscape & Floral Co., Kansas City, brightened the speakers' table.

Obituary resolutions were prepared by a committee composed of W. S. Griesa and Charles R. Nelson. Those whose loss was noted within the past year were James W. Nevins, general manager of the Blue Valley Nursery Co., Blue Rapids, Kan.; J. Frank Jones, of Mount Hope Nurseries, Lawrence, Kan., and Mrs. C. C. Mayhew, wife of the president of the Texas Nursery Co., Sherman, Tex.

Thanks were extended to the officers and program speakers for the

successful meeting in the report of the resolutions committee, which was composed of H. J. Deems, Chet G. Marshall and George W. Holsinger.

MISSOURI MEETING.

Fifteen members of the Missouri Association of Nurserymen attending the Western association convention held a luncheon meeting, January 6, at the Hotel Muehlebach.

Although the last Missouri legislature set aside \$25,000 to combat the Japanese beetle, it was felt that the fund was not sufficient, and the nurserymen decided to fight for a larger appropriation. At the present time the beetle is not found west of St. Louis, and there only in extremely small numbers.

Plans were made to build up the membership of the association. The luncheon idea, which was an innovation this year, was so successful that it will be tried again next year.

E. Asjes, Jr., Kansas City, was elected president, and Edwin Chandler, Kansas City, vice-president. William Weber, St. Louis, was re-elected secretary-treasurer.

KANSAS MEETING.

Following its usual custom, the Kansas Association of Nurserymen held its annual business meeting in connection with the Western association meeting. Immediately after the morning session January 5 President W. S. Griesa, Mount Hope Nursery, Lawrence, called the Kansas nurserymen together in the Trianon room of the Hotel Muehlebach. Twenty-three members were present. Two new members were taken in: Tole Landscape Service, Independence, and Sunset Nursery, Dewey Bender, Wichita.

The main topic of discussion was the use of nursery stock in memorial parks and plantings after the war. The association decided to consult with state officials to get their reaction to such plantings. Charles Scott, Prairie Garden Nursery, McPherson, was appointed by the president to make these contacts.

By vote of the members, the secretary was instructed to write the United States Department of Agriculture urging continuation of the forest pathology research work at Manhattan. There is danger of this work's being discontinued for lack of funds.

Prof. W. F. Pickett, Kansas State College, invited the nurserymen to meet with the state horticultural society at its annual meeting, at Manhattan, February 10 and 11.

President Griesa, and Secretary-treasurer Frank Pflumm, Shawnee, were reelected for 1944.

Iowa Winter Meeting

Attendance at the meeting of the Iowa Nurserymen's Association at the Hotel Kirkwood, Des Moines, January 7 and 8, was the best in several years. Seventy-one attended the banquet, and fifty or more were present at the business sessions most of the time.

President Wayne Ferris opened the meeting with an address which was short, snappy and to the point.

Bob Burlingame, Iowa's radio news commentator, was especially well received. He talked facts and figures and told of conditions under which the war must be waged in the various war fronts. Wishful thinking is out, so far as he is concerned. It is going to take hard work and sacrifice to do the job before us.

Governor Bourke B. Hickenlooper gave a pleasing talk at the banquet. He reminded us of the size and importance of the nursery industry in the state. He suggested that we need to appreciate our own worth and hopes we continue to grow and be guided by sound leadership and initiative. At the close of his talk President Ferris presented him with a large bouquet of red roses.

A. F. Lake gave a most interesting talk when he traced the early history of the nursery business in Iowa. He recalled that most of the pioneers started with little more than the will to work and plan. Some of the largest nurseries in the state were founded by men who worked for pioneer nurserymen at 30 or 40 cents per day. One of the largest nurseries in the state was founded by a man who struck for 40 cents a day and got it.

Thanks to the advertisers in the convention program, the association presented a first-class floor show of eight acts and music during dinner. Dancers, singers, a juggler and an impersonator presented a program which was well received.

The only disappointment in the program was the absence of Arthur H. Brayton, because of the death of his father. He is a dynamic speaker whose talks are always full of humor.

Phomopsis blight was discussed by Prof. I. E. Melhus, of Iowa State College, and the Oriental fruit moth by Prof. Carl J. Drake.

Postwar planning and employer-employee relations were discussed by Harley Deems and Harold Parnham. Both talks were to the point and contained excellent suggestions.

The "Information Please" feature

went over well and could have occupied more time. Dick White acted as master of ceremonies, and the experts were Harold Welch, Harley Deems, Carl Sjulín, Arthur Bruce and Tom Maney. The experts were able to answer all questions, and so it was not necessary to send out any honeysuckles or encyclopedias.

Dick White was in his best form in his talk on A. A. N. activities, and it was packed with sound advice and horse sense. He explained the latest regulations from Washington.

The business session was brief. A short constitution was adopted with a few minor changes. The nominating committee consisted of the former presidents in attendance—Harold Welch, Henry Merkel, W. J. Hughes, Fred Jackley, W. H. Mast, A. J. Bruce, C. C. Smith and Dave Snyder.

The 1942 officers were reelected. They are as follows: President, Wayne Ferris, Earl Ferris Nursery, Hampton; vice-president, Carl Baumhoefener, Cedar Rapids; secretary-treasurer, Clyde H. Heard, Des Moines; assistant secretary-treasurer, R. S. Herrick, Des Moines.

Five directors were chosen, as follows: Harold Welch, Mount Arbor Nurseries, Shenandoah; Carl S. Sjulín, Interstate Nurseries, Hamburg; Harley J. Deems, Sherman Nursery Co., Charles City; W. H. Mast, Davenport Nursery, Davenport; A. J. Bruce, Des Moines Nursery Co., Des Moines.

The secretary reported that the association has a substantial balance after authorizing the purchase of a war bond. The mailing list has been brought up to date and increased. The date of the 1945 meeting was tentatively set for Friday and Saturday, January 12 and 13.

A. A. N. Chapter Meets.

After the meeting, a short session of the A. A. N. chapter was called by Dick White. Suggestions were made for increasing the membership in the A. A. N. Several comments were made on the news letters. Delegates to the national convention are as follows: Holdovers: Wayne Ferris and Harold J. Parnham. Second 2-year term: D. W. Snyder and D. S. Lake. First 2-year term: Carl Baumhoefener, Harold S. Welch and Harley Deems. Alternates are Clyde H. Heard, W. H. Mast and A. J. Bruce.

Wayne Ferris is chairman of the chapter and Clyde H. Heard is secretary. C. H. Heard, Sec'y.

SOUTHWESTERN NEWS.

Lieut. Edward Bailey, Charles City, Ia., has been honorably discharged from the army on account of injuries received during the invasion of Attu, in the Aleutian islands. Before entering the service he was wholesale representative of the Sherman Nursery Co. and went back to work for the firm January 3.

David C. Lake, Shenandoah Nurseries, Shenandoah, Ia., was in New York the first week in January attending the Ornamental Growers' Association meeting.

Frank C. Donovan, representing A. McGill & Son, Fairview, Ore., after enjoying a two months' vacation at his home in Chicago, has resumed his work calling on the wholesale trade.

Jack Amos, Parsons, Kan., was low bidder on two roadside improvement projects in Johnson county, Kansas, and Oscar H. Schmidt, Inc., St. Joseph, Mo., was low bidder on a similar project in Shawnee county, Kansas.

E. S. Welch, president of the Mount Arbor Nurseries, Shenandoah, Ia., left the first week of the year for California to look after his extensive nursery interests there.

Lawrence Wilson, Jr., son of Lawrence Wilson, Holsinger Nurseries, Kansas City, Kan., is completing his studies in naval communication at Harvard University. He will be visited by his father and mother the latter part of January. Another son, Marshall Wilson, who has been at Camp Haan, Riverside, Cal., was transferred recently to Camp Custer, Battle Creek, Mich.

Ernest Haysler, owner of the Cloverset Flower Farm, Kansas City, Mo., is ill at the Trinity Lutheran hospital, Kansas City.

Lester Davis, who for a number of years was a nurseryman at Harrisonville, Mo., is now assistant state entomologist of Missouri, stationed in the western portion of the state.

Stanley R. McLane, landscape architect for the J. C. Nichols Companies, of Kansas City, has two sons in the service. Stanley R. McLane, Jr., is in marine officers' training at Purdue University, West La Fayette, Ind., and Hilles McLane is in training for naval aviation at Cornell College, Mount Vernon, Ia.

Charles Robert Minich, son of Ross Minich, Overland Park, Kan., is in the marines reserves at Purdue University, West La Fayette, Ind.

C. C. Smith, Sherman Nursery Co., Charles City, Ia., reports that his son Bill, the tree seedsman, is a weather observer at Gardner field in California and is now a corporal.

Postwar Markets for Nursery Stock

By Richard P. White, Secretary, American Association of Nurserymen

In order to picture the postwar markets of the nursery industry, it is necessary to understand, in its broad phases at least, what kind of economy we may expect to be living in after the war. It is not intended here to enter into a long discussion of the postwar economy we should like to see or may expect to see. But certain inevitable facts should be mentioned before entering into a discussion of the specific postwar prospects of our particular industry, as we see them now.

In the first place, all will agree with the statement that there will be a tremendous pent-up demand for consumer goods, with a purchasing power available to spend for these goods. This demand and this dammed-up reservoir of purchasing power will become greater and greater the longer the war lasts. Consumer goods are not available in quantities demanded by the public. Private dwellings are not being built except as war housing to take care of the swollen flood of migrants to war factory communities. People will want, and will have the money for, these goods as soon as they can be made available after the war.

In 1939 savings in this country amounted to \$6,300,000,000. At the end of 1943 they amounted to \$43,000,000,000, and a large percentage of this \$43,000,000,000 is in liquid form, either as cash in the bank or in government bonds. Never before in the history of this country have savings reached such astronomical figures.

We shall emerge from the war with our productive resources intact and on a higher plane than ever before. Our industrial facilities are greatly expanded, our labor force of 60,000,000 persons will be more highly skilled, and if we have a favorable governmental climate, capital will be available. A modification of our tax structure, resulting in a reduction of taxes, is inevitable, it seems to me, because, once the war is over, no political party will be able to withstand public pressure for relief. Regulations over prices, raw materials, manpower, wages and salaries will be relaxed and revoked as rapidly as possible, again because of public pressure and because of the fact that such controls will no longer be necessary once we have completed the primary task of defeating our enemies.

Since discussion of the postwar outlook for nurserymen was begun last summer, the executive office of the American Association of Nurserymen has gathered much data on the various phases of our market and the factors influencing it. The importance and the thoroughness of this undertaking will be apparent from the findings here presented by the secretary. So extensive is his review of the data that it has been arranged in a series of four articles for presentation in this magazine. With introductory comments, the first article here presents the possibilities of the postwar housing market. Subsequent articles will treat, respectively, fruits, parks and highways. These four articles will comprise your textbook on postwar markets and will aid you in your plans for production of nursery stock for that period.

Reconversion of our war factories to peacetime production should not cause an economic upheaval. It will be a gradual process and has already started on a small scale. Already, in some areas, because of cutbacks and shifts in production, the manpower problem is easing.

Government regulation over business and industry will lessen rapidly six months after a declaration of peace. The public will demand it.

All postwar planning should have as its primary aim the putting of men to work in gainful employment in private competitive enterprise. There seems to be a lot of misunderstanding and confusion as to what private enterprise is. To me it is

simple. It is the opportunity of a man to work where he wants to, at a wage commensurate with his ability to earn, with the least possible governmental interference either with him or with his employer, who, with capital, makes these opportunities for gainful employment possible.

We shall have a labor force of some 55,000,000 persons, 10,000,000 more than a few years before the war. Full employment for war has been attained. Can American business maintain full employment for peace? If not, we can anticipate another sad era of made work, with this difference—this time there should be no raking of leaves, as there is a reserve of useful public works which can immediately be started to take up the slack, if any, in employment. It is to be hoped that these will be, as they should be, let out at public bid and not performed directly by wasteful government agencies, as was the case in the 30's.

Prices, like wages, will never return to depression levels. With a national debt of \$300,000,000,000, we must maintain, even though it means government regulation, a national income of better than \$100,000,000,000 a year. The carrying charges of this debt will amount to \$6,000,000,000 per annum. The normal expenditures of government will probably be at least \$10,000,000,000 to \$12,000,000,000, and we shall have an annual charge of other billions for pensions, rehabilitation and hospitalization. At least \$20,000,000,000 in taxes will have to be raised to cover the annual expenses of the government. This sum cannot be collected on an annual national income of \$60,000,000,000 to \$80,000,000,000. Dollars will be cheaper—commodities, including wages, in terms of dollars, will be more expensive.

That is the background of the postwar economy as visualized by a noneconomist—a tremendous purchasing power, expanded productive facilities and a drastic reduction in governmental controls. What does such a period mean to this industry?

In answer to that question, really the \$64 question, we have collected the opinions of the leading minds in the fields of commercial fruit production, housing, parks and high-

[Continued on page 30.]



Richard P. White.

AVAILABLE ORNAMENTAL

To be sure of securing this stock, order now from this advertisement.

Although sales have been very heavy up to the present time, we expect to be in position to offer a good assortment of ornamentals, shade trees, evergreens, peonies, and roses. Hope to have some fruits in surplus that we can quote on after January Twentieth, but our supply is going to be limited. We also expect to have some small fruits at that date that we can offer.

At the present time we are far enough along with our grading that we know we are going to have the following stock to sell and we have carried out our regular price. However, we suggest that if a large quantity is needed that a list be sent to us for special prices.

Keep us posted on your wants and we will at all times quote everything that we can supply.

AMORPHA fruticosa	Per 100	Per 1000		Per 100	Per 1000	FORSYTHIA	Per 100	Per 1000
100 2 to 3 ft.....	\$20.00		COTONEASTER lucida			intermedia spectabilis		
300 4 to 5 ft.....	30.00		250 18 to 24 ins.....	\$35.00		3000 3 to 4 ft.....	\$28.00	\$250.00
300 5 to 6 ft.....	40.00		150 2 to 3 ft.....	45.00				
BARBERRY, Redleaf (thunbergi atropurpurea)			CYDONIA japonica			FORSYTHIA viridissima		
4400 2 to 2½ ft.....	27.00	\$240.00	4000 12 to 18 ins.....	16.50	\$140.00	300 2 to 3 ft.....	22.50	200.00
1800 2½ to 3 ft.....	31.00	280.00	DEUTZIA gracilis			700 3 to 4 ft.....	28.00	250.00
BARBERRY thunbergi			1000 12 to 15 ins.....	21.00	180.00	HONEYSUCKLE bella albida		
4000 2 to 2½ ft.....	18.00	150.00	500 15 to 18 ins.....	25.00	220.00	500 4 to 5 ft.....	35.00	330.00
2000 2½ to 3 ft.....	21.00	180.00	DEUTZIA lemoinei			HONEYSUCKLE morrowi		
BUCKTHORN cathartica			700 12 to 18 ins.....	21.00	180.00	1000 2 to 3 ft.....	22.00	200.00
900 3 to 4 ft.....	18.00	150.00	700 18 to 24 ins.....	28.00	250.00	900 3 to 4 ft.....	30.00	270.00
100 4 to 5 ft.....	25.00		1000 2 to 2½ ft.....	33.00	300.00			
CALYCANTHUS floridus			ELDER, Golden American			HONEYSUCKLE		
385 12 to 18 ins.....	16.50	140.00	900 18 to 24 ins.....	18.00	150.00	Tatarian, Pink		
CEPHALANTHUS			750 2 to 3 ft.....	21.00	180.00	800 3 to 4 ft.....	28.00	250.00
occidentalis			300 3 to 4 ft.....	25.00		3400 4 to 5 ft.....	33.00	300.00
575 2 to 3 ft.....	19.00	160.00	EUONYMUS alatus			HONEYSUCKLE		
CORNUS alba sibirica			400 12 to 18 ins.....	22.00		Tatarian, Red		
660 18 to 24 ins.....	16.50	140.00	3500 18 to 24 ins.....	33.00	300.00	3000 4 to 5 ft.....	33.00	300.00
1000 2 to 3 ft.....	19.00	160.00	3000 2 to 3 ft.....	50.00	450.00	HONEYSUCKLE		
550 3 to 4 ft.....	22.50	200.00	2500 3 to 4 ft.....	70.00	650.00	Tatarian, White		
700 4 to 5 ft.....	30.00	270.00	EUONYMUS alatus			400 3 to 4 ft.....	28.00	250.00
CORNUS paniculata			compactus			KOLKWITZIA amabilis		
200 18 to 24 ins.....	16.00		3000 18 to 24 ins.....	50.00	450.00	1800 18 to 24 ins.....	30.00	270.00
200 2 to 3 ft.....	20.00		1500 2 to 3 ft.....	75.00	675.00	LILAC,		
300 3 to 4 ft.....	25.00		EUONYMUS atropurpureus			Persian Purple (persica)		
CORNUS stolonifera			250 18 to 24 ins.....	18.00		500 18 to 24 ins.....	21.00	180.00
500 18 to 24 ins.....	18.00	150.00	125 2 to 3 ft.....	25.00		1000 2 to 3 ft.....	25.00	220.00
1000 2 to 3 ft.....	21.00	180.00	EUONYMUS europaeus			750 3 to 4 ft.....	31.00	280.00
400 3 to 4 ft.....	25.00	220.00	350 18 to 24 ins.....	18.00		LILAC rothomagensis		
COTONEASTER acutifolia			350 2 to 3 ft.....	25.00		1000 2 to 3 ft.....	25.00	220.00
1700 2 to 3 ft.....	19.00	160.00	150 3 to 4 ft.....	30.00		1000 3 to 4 ft.....	31.00	280.00
1100 3 to 4 ft.....	22.00	200.00	FORSYTHIA fortunei					
			1100 3 to 4 ft.....	28.00	250.00			

LAKE'S Shenandoah

SHRUBS and SHADE TREES

Our Spring Price List will not be available for several weeks.

LILAC villosa Per 100 Per 1000
500 18 to 24 ins.....\$21.00 \$180.00

PHILADELPHUS Coronarius
600 2 to 3 ft..... 18.00 150.00
800 3 to 4 ft..... 22.50 200.00
300 4 to 5 ft..... 28.00

PHYSOCARPUS opulifolius
450 2 to 3 ft..... 16.50 140.00
900 3 to 4 ft..... 21.00 180.00
100 4 to 5 ft..... 25.00

PHYSOCARPUS opulifolius aureus
900 2 to 3 ft..... 19.00 160.00
900 3 to 4 ft..... 21.00 180.00
200 4 to 5 ft..... 25.00

PHYSOCARPUS opulifolius nanus
400 18 to 24 ins..... 12.00 100.00
1600 3 to 4 ft..... 22.50 200.00

PRIVET, Regal
800 12 to 18 ins..... 14.00 120.00
800 18 to 24 ins..... 21.00 180.00

RHODOTYPOS kerrioides
200 12 to 18 ins..... 15.00
600 18 to 24 ins..... 21.00 180.00
500 2 to 3 ft..... 28.00 250.00

RHUS aromatica
650 18 to 24 ins..... 21.00 180.00
200 2 to 3 ft..... 25.00

RHUS, Cutleaf
500 18 to 24 ins..... 21.00 180.00
1500 2 to 3 ft..... 25.00 220.00
800 3 to 4 ft..... 28.00 250.00

RHUS, Smooth
300 18 to 24 ins..... 14.00 120.00
400 2 to 3 ft..... 18.00 150.00

RHUS, Staghorn
250 2 to 3 ft..... 16.00
500 3 to 4 ft..... 22.50 200.00
400 4 to 5 ft..... 30.00 270.00

SPIRAEA arguta
1250 12 to 18 ins..... 9.00 80.00
1800 18 to 24 ins..... 14.00 120.00
3300 2 to 3 ft..... 16.50 140.00
1800 3 to 3½ ft..... 21.00 180.00

SPIRAEA billiardi, Pink
950 12 to 18 ins..... 9.00 80.00
2500 2 to 3 ft..... 19.00 160.00
2600 3 to 4 ft..... 22.50 200.00

SPIRAEA froebeli Per 100 Per 1000
2000 12 to 18 ins.....\$10.50 \$ 90.00
1000 2 to 2½ ft..... 19.00 160.00
2000 2½ to 3 ft..... 22.50 200.00

SPIRAEA, Korean
350 2 to 3 ft..... 16.50 140.00

SPIRAEA thunbergi
900 18 to 24 ins..... 16.50 140.00

SYMPHORICARPOS chenaultii
900 18 to 24 ins..... 9.00 80.00
450 2 to 3 ft..... 14.00 120.00

SYMPHORICARPOS racemosus
1500 18 to 24 ins..... 9.00 80.00
3000 2 to 3 ft..... 14.00 120.00
700 3 to 3½ ft..... 18.00 150.00

SYMPHORICARPOS vulgaris
2400 2 to 3 ft..... 14.00 120.00
500 3 to 3½ ft..... 18.00 150.00

VIBURNUM americanum
450 12 to 18 ins..... 18.00 150.00
650 18 to 24 ins..... 25.00 220.00
250 2 to 3 ft..... 30.00
100 3 to 4 ft..... 40.00

VIBURNUM dentatum
600 2 to 3 ft..... 21.00 180.00
200 3 to 4 ft..... 28.00

VIBURNUM lantana
200 18 to 24 ins..... 19.00
450 2 to 3 ft..... 22.50 200.00
150 3 to 4 ft..... 30.00

VIBURNUM opulus
900 2 to 3 ft..... 25.00 220.00
800 3 to 4 ft..... 35.00 320.00

SHADE TREES

ELM, Ch'nese Per 100
500 8 to 10 ft.....\$ 55.00
1000 1¼ to 1½ ins..... 70.00
500 1½ to 2 ins..... 100.00

ELM, Moline
500 6 to 8 ft..... 75.00
500 8 to 10 ft..... 100.00

LINDEN, American
300 5 to 6 ft..... 60.00
300 6 to 8 ft..... 80.00

MOUNTAIN ASH, European
500 5 to 6 ft..... 65.00
450 6 to 8 ft..... 85.00
250 8 to 10 ft..... 100.00

WILLOW babylonica
600 3 to 4 ft..... 20.00
700 4 to 5 ft..... 25.00
400 5 to 6 ft..... 40.00

WILLOW Niobe
1000 4 to 5 ft..... 25.00
1200 5 to 6 ft..... 40.00
150 6 to 8 ft..... 65.00
500 8 to 10 ft..... 90.00

WILLOW, Wisconsin
300 3 to 4 ft..... 20.00
1000 4 to 5 ft..... 25.00
700 5 to 6 ft..... 40.00

SEEDLINGS

PEACH SEEDLINGS Per 1000
5000 2 to 3 ft.....\$ 35.00

ROSA RUGOSA SEEDLINGS
35000 No. 1 20.00

BALLED EVERGREENS

We have a large assortment of varieties and sizes of B&B Evergreens.

Write for
Special Prices
on
Large Amounts

Nurseries SHENANDOAH, IOWA



CHARLIE CHESTNUT

Listen Here, Frank



Mr. Frank LaBar and members of the convention:

Dear Frank: Well, Frank, whats doing? What has the committee got in mind for the convention? Are you or aint you going to have the convention next summer? You know how stories get started, Frank, some of the members are asking if you are going to go on and on like FDR generation after generation, keeping yourself in office as president of the convention. If you dont have the convention how will the members have a chance to decide if they want you again or not? Think that over, Frank.

The more I have been thinking it over it looks to me like the whole thing is up a blind alley. Even if you have the convention, there aint any hotels what wants to monkey with a convention anyway, and with the hotel rates and what they are and what they charge for meals, there aint over 6 or 8 people will show up even if you decide to go ahead. You know that aint a quorum, Frank, and without a quorum its like a wedding without a preacher, it just aint legal.

Me and Emil has been talking over a plan which would solve some of the trouble about holding a convention. Here in Riverbend, that is out west of town along the Catfish Creek, is a old Methodist Camp meeting ground. There is 30 or 40 cottages where the folks used to gang up years ago and also a large pavilion where we could hold the meetings. We could get the whole outfit for 50c a night per bed and the Ladies Aid would put on the meals, with all home cooked plain food for 25c a meal. Think of it, Frank, at one dollar twenty five a day, you would have the biggest turnout in the history of the convention.

There is a few snags would have to be ironed out, like they dont allow no beer at the camp grounds and no card playing. I asked John Bush-bottom what he thought of it, and of course you can guess that John wouldnt have no part of the idea. "Why, there wouldnt even be a lobby to hang out in," he says. "The members wouldnt have no place to go but to the meeting. Did you

ever go in to the meeting at the convention, Chas.?" he says. "If you did, you would know it aint no place to hang out. The lobby is the hub of the convention, Chas., no lobby, no convention."

After all, Frank, that is only one man's viewpoint. What do you think of it? Why dont you sound out the members of the committee, and leave me know so I can get the place aired out and dusted up a little. They aint used the houses since 1926, but you would be surprised what a little sweeping up and washing the windows would do to the place, Frank. Of course, its only outside plumbing, Frank, but there is a good well, and if the creek is up next summer, we could fix up the place where they used to baptize the faithful. That would make a dandy swimming hole.

There aint no objections to horse shoe courts, and me and Emil would donate the horse shoes and fix up the place to pitch. We even got two pair of mule shoes left over from when Emil got that pair of mules on a trade from one of the members in Missouri one time. They would be just right for the ladies that wants to pitch a little.

I spoke to Sandy Bowers and he said he would bring out his accordion every night so we could have a swell time whooping it up just like the time when we had the convention on the boat. Sandy is good on hillbilly numbers and old time tunes, but he aint up on any new stuff. He wanted me to mention that so the members wouldnt be asking for any numbers which has come out in late years. Sandy wouldnt charge nothing at all which is something to remember in these times. Why, Frank, I remember one time we had a hillbilly singer at the convention and he charged \$15.00 for one night for about only 2 hours. Sandy is good for as long as the members can hold out, but he couldnt come on lodge night if we happened to want him on a Thursday, he always makes the coffee at the lodge.

The Riverbend nursery would be glad to entertain the members for a ride through the nursery some P.M. Emil would arrange to have a keg on tap, so that would fix it for some of the members which wouldnt feel right without lifting their elbows a little. Then there is another proposition which Emil wanted me to

LINING-OUT EVERGREENS

	Per 100	Per 1000
Mugho Pine, 2 to 4 ins.....	\$4.00	\$30.00
Mugho Pine, 4 to 6 ins.....	6.00	50.00
Mugho Pine, 6 to 8 ins.....	7.00	60.00
Austrian Pine, 4 to 6 ins.....	4.00	35.00
Austrian Pine, 6 to 8 ins.....	5.00	42.00
Scotch Pine, 2 to 4 ins.....	2.00	15.00
Scotch Pine, 4 to 6 ins.....	3.50	25.00
Douglas Fir, 2 to 4 ins.....	2.00	15.00
Douglas Fir, 4 to 6 ins.....	2.50	20.00
Black Hill Spruce, 2 to 4 ins.....	2.50	20.00
Black Hill Spruce, 4 to 6 ins.....	4.00	35.00
Black Hill Spruce, 6 to 8 ins.....	5.00	42.00

HOLTON & HUNKEL CO. NURSERYMEN

P. O. Box 1747

Milwaukee 1, Wisconsin

SHERWOOD'S LINING-OUT EVERGREENS

Plant lining-out stock now. It takes a little time to grow evergreens—not too long. And wise nurserymen everywhere are planting to the limit of their labor and financial ability to be ready for postwar demands. Let it not be said of the nursery trade, "Too little and too late." The following plants are a few varieties and grades taken from our 1944 wholesale list:

	Per 100	Per 1000		Per 100	Per 1000
<i>Abies concolor</i> , symmetrical fir, blue foliage, 6 to 8 ins.	\$ 7.00	\$ 56.00	<i>Gentiana acaulis</i> <i>clausii</i> , enormous flowers of finest blue known, 2 to 4 ins., specimen	\$20.00	.....
<i>Abies nobilis</i> , stately, bluish-green conifer of our western mountains, 4 to 6 ins.	7.00	56.00	<i>Hedera helix</i> <i>conglomerata</i> , dense, contorted ivy attracting much attention, 6 to 8 ins., T.	9.00	\$72.00
<i>Arctostaphylos uva-ursi</i> , often considered the best evergreen ground cover, 12 to 24 ins., T.	16.00	128.00	<i>Juniperus chinensis</i> <i>pfitzeriana</i> , a universal favorite, 8 to 10 ins., T.	11.00	88.00
<i>Aucuba japonica</i> <i>nana</i> , a splendid dwarf, masses of large red berries, 8 to 10 ins., TT.	11.00	88.00	<i>Juniperus horizontalis</i> , creeper, with dense steel-blue foliage, 6 to 12 ins., T.	11.00	88.00
<i>Azalea mollis</i> , hardy deciduous azalea with irresistible appeal, 6 to 8 ins., T.	9.00	72.00	<i>Juniperus virginiana</i> <i>kosteri</i> , a most perfect growing creeper, 6 to 12 ins., T., cutbacks	14.00	112.00
<i>Buxus semp.</i> <i>suff. albo-marginata</i> , a beautiful, silvery dwarf box, 6 to 8 ins., T.	9.00	72.00	<i>Kalmia latifolia</i> , large glossy foliage, bouquets of pink flowers, 6 to 8 ins., T.	11.00	88.00
<i>Calluna vulgaris</i> <i>aurea</i> , one of nature's most charming color effects, 8 to 10 ins., T.	10.00	80.00	<i>Mahonia aquifolium</i> , one of Oregon's wonderful decorative shrubs, 8 to 10 ins., T.	9.00	72.00
<i>Cotoneaster dammeri</i> , dainty evergreen creeper, red berries in profusion, 6 to 12 ins., T.	10.00	80.00	<i>Picea pungens</i> <i>glauca</i> , hardy, symmetrical and desirable, 10 to 12 ins., TT.	12.00	96.00
<i>Cytisus purpureus</i> , remarkable procumbent broom with purple flowers, 18 to 24 ins., TT.	18.00	144.00	<i>Pinus edulis</i> , the nut pine, very picturesque, young growth intensely blue, 6 to 12 ins.	9.00	72.00
<i>Erica carnea</i> <i>sherwoodii</i> , brilliant green creeping heath, bright red flowers, 6 to 8 ins., TT.	15.00	120.00	<i>Pseudotsuga douglasii</i> , the ornamental silver-gray strain, 12 to 15 ins., T.	11.00	88.00
<i>Erica hybrida</i> <i>Dawn</i> , soft, dainty foliage, pink bells, a real gem, 8 to 10 ins., T.	10.00	80.00	<i>Taxus baccata</i> , the old favorite yew of English gardens, 6 to 10 ins., T., cutbacks	12.00	96.00
<i>Euconymus radicans</i> <i>coloratus</i> , trailing evergreen, winter foliage red, 12 to 24 ins., T.	10.00	80.00	<i>Thuja occidentalis</i> , a tree that has always been justly esteemed, 6 to 12 ins.	7.00	56.00
<i>Genista prostrata</i> , densest and most compact of all creeping brooms, 12 to 18 ins., T.	11.00	88.00	<i>Xerophyllum tenax</i> , low evergreen fountain of grass, fragrant white flower spikes, 6 to 12 ins., T.	12.00	96.00

Sherwood Nursery Co.

EVERGREENS — Propagators and Growers

141 S. E. 65th Avenue • Portland, Oregon

Sherwood Nursery Co. pays the shipping cost on lining-out stock to all points in the United States. We make no packing charge.

Terms: Cash. Will ship lining-out stock upon receipt of 25%, balance C.O.D.

Payment in full required on B&B grades before shipping. Will reserve stock for future delivery upon receipt of a holding fee of 25%. 25 plants of same size and variety at 100 rate: 250 at 1,000 rate.

Members of the Trade write today for 1944 Wholesale List. Mention American Nurseryman.



bring up. Dont think its my idea, Frank, but it wont hurt to get your ideas on it. Emil says he would go to work and have a free lunch, if—and here is the catch to it, Frank—if you could fix it to get Emil a order for a car of honeysuckle to help out on the expenses. He is long on 4 to 5 and 5 to 6 heavy clumps. If you know anybody that you could speak to, Frank, that would fix it so Emil could move a car, its all dandy stuff, Frank, all heavy clumps. If you dont want the lunch, Frank, just forget that part about the honey-suckle, its up to you, Frank.

What have you got in mind, Frank, for the program? Thats always quite a problem aint it, Frank? Remember the time I worked out my pagent for the convention in Portland? The president of the convention at that time didnt see fit to use my pagent, but you remember the editor of the paper run it anyway. What would you think if I would go to work and develop some ideas along that line, Frank? It would be something suitable for the convention, if we would have it at the camp ground like I suggested. Only this time I would have a three act play.

The pavilion would be a dandy place for a play. Here is a rough

TAXUS

Cuspidata, Capitata, Hicksi, Repandens, Brevifolia, Aurea. Boxwoods, Juniper Pfitzer.

Ask for price list.

Complete assortment of unusual plant material for landscape work including Pink Dogwoods, Flowering Crabs, Shrubs and Trees.

Inquiries requested.

THE W. A. NATORP CO.

4400 Reading Road

Cincinnati 29, Ohio

idea, Frank, for a play which aint like any play you ever heard of before or since. It wouldnt take much expense for costumes, and I could borrow some scenery from the Civic Club to have on the platform. They got a scene, like it is out in the woods, that would work right in with what I got in mind for the setting for the play.

There is only one thing you got to remember, Frank. If I go to work and write up a play you have got to let me be the manager and also I am the one that decides who are going to be the actors. Naturally, some of the members is going to be sore if they aint picked for a part, but there is some members which I have promised, that is if

you want me to go to work and put on the show. Oscar Applequist I promised for one, and then I got a dandy part for John Bushbottom and Emil is after me too, so you see why I have got to be the one to make the cast of characters. Probably you got somebody in mind which you would like to see get a part. Now thats O.K. Frank, you are the president of the convention and naturally I would go out of my way to accommodate you if you dont pick on Jake from the F and M, or some of the members which is on the outs with me and Emil. You can see that would not work out, Frank, so I will leave it up to you.

Here is just a outline of the play, Frank, just to give you the hang of

it as follows: Of course, Frank, if you aint ever had any doings with plays, it wont mean much to you. A *Mid Summer's Night Pipe Dream* Especially written for the convention at the Methodists Camp meeting ground, Riverbend, Ill. Summer 1944.

By Chas. Chestnut (author)

CAST OF CHARACTERS, ETC.

nurseryman
tax collector
nursery inspector
union organizer
banker
spirit of summer drought
spirit of winter freeze
spirit of overproduction
spirit of competition
Old Father Time
wife's relatives
soldiers, sailors, marines, etc.
policeman, stevedors, etc.
Etc.

(Note: So far I dont see just where the soldiers, sailors, marines, policeman, stevedors etc., come into it; but I may think of something and besides, it wouldnt be a bad idea to have them there on the stage just in case anybody starts anything in the audience.)

ACT I.

As the curtain goes up, the stage is dark or I mean nearly dark. There is only the moonlight. A bell in the distance strikes slowly. It is 12 midnight. Gradually the lights come on a little and we see a figure laying asleep with his hoe beside him. He is laying in the grass in the shade of a tree.

Now, Frank, dont start to get nervous about the expenses. There is a bell at the camp grounds, which they used to ring for the meetings, and with regard to the trees on the stage, I am going to use the scenery from the Civic Club and a few trees which Emil will donate to make it look like the edge of a nursery. By the way, the part I got in mind for Emil is the figure laying there on the ground. He is supposed to be asleep and he dont have to do a thing but lay there during the whole play. Thats why I thought Emil would be a natural for that part.

Well, as I was saying, the scene opens up with this nurseryman laying there dreaming. Across the stage slowly comes a procession of men walking. They start on the left and walk towards the right, passing in front of the sleeping figure. They appear in the order shown in the cast of characters. As they pass by each character points a finger at the man laying there and says his lines, which are as follows:

Tax Collector—You miserable nurseryman, laying there, Im out to make you sweat blood. Real estate tax, property tax, sales tax, income tax, unemployment tax, social security tax, tax, tax, tax . . . (The Tax Collector disappears off the stage as the nurseryman groans in his sleep.)

Nursery Inspector—You know as well as I do your place is lousy with bugs, worms, scale, borers, minors, spiders, catapillars, bugs, worms, bugs, bugs . . . (Inspector walks off stage, muttering to himself. The poor nurseryman passes a sigh of distress.)

Union Organizer—Say youse, join up or else, more pay, shorter hours, more pay, more, more, more, more . . . (Union Organizer moves on.)

Banker—Your account is overdrawn, your note is past due, you are busted, no good, poor pay—pay me, pay me, pay, pay, pay . . . (As the banker passed by, the sleeping figure utters a cry of pain.)

Spirit of Drought (Figure draped in a sheet)—No rain, no rain, heat, burning heat, searing wind, cracked earth. I will ruin you, ruin, ruin, heat, drought . . . (The figure groans, water, water, water, save me—)

Spirit of Winter Freeze (Figure wrapped in a white robe)—Bitter cold, bitter cold, bitter wind, down, down, down, whistling wind. I will kill your trees, kill, ruin, kill . . . (The spirit vanishes like a moaning wind.)

Spirit of Overproduction—Your prices are too high, your stock is junk, rubbish, rot, no good, too high, cut prices, cut, cut, cut . . . (The sleeping figure raises an arm and drops it, with a moan of despair.)

Old Father Time—You are getting old, you cant take it, youre slipping, slipping, going, going, going . . . (Father Time passes off stage.)

Wife's Relatives (A woman dragging four children and a trunk passes by)—I have come to stay, stay, stay, all winter, all spring—forever, forever . . . (The figure raises up and shouts in a blood curdling crazy voice, as the curtain drops on the first act.)

ACT II.

Up to now, Frank, I cant see no reason for Act 2, but if you want 3 acts I will go to work on it. Take it up with the committee and let me know.

ACT III.

The scene is in a nursery office on a bright summer day, the birds are singing and the world looks O.K. The nurseryman is sitting at his desk. He is writing down all the reasons

AMERICAN NURSERYMAN

SURPLUS LIST

We offer the following material for immediate sales. Stock all dug and ready for early spring 1944 shipment. Boxing and packing extra at cost. Usual terms to responsible nurserymen.

SHRUBS—Flowering	Per 100
125 Aralia Pentaphylla, 4 to 5 ft.	\$30.00
100 Aralia Pentaphylla, 3 to 4 ft.	20.00
100 Aralia Pentaphylla, 2 to 3 ft.	15.00
50 Aralia Pentaphylla, 18 to 24 ins.	12.50
1000 Barberry Thunbergi, 24 to 36 ins.	18.00
2000 Barberry Thunbergi, 18 to 24 ins.	14.00
2000 Barberry Thunbergi, 15 to 18 ins.	8.50
243 Cornus Alba, 5 to 6 ft.	35.00
390 Cornus Alba, 4 to 5 ft.	30.00
250 Cornus Alba, 3 to 4 ft.	22.50
200 Cornus Amomum, 5 to 6 ft.	35.00
300 Cornus Amomum, 4 to 5 ft.	30.00
100 Cornus Amomum, 3 to 4 ft.	22.50
40 Cornus Elegantissima, 3 to 4 ft.	30.00
100 Cornus Elegantissima, 2 to 3 ft.	25.00
100 Cornus Elegantissima, 18 to 24 ins.	20.00
100 Cornus Sanguinea, 5 to 6 ft.	35.00
150 Cornus Sanguinea, 4 to 5 ft.	30.00
100 Cornus Sanguinea, 3 to 4 ft.	25.00
68 Cornus Stolonifera, 5 to 6 ft.	35.00
200 Cornus Stolonifera, 4 to 5 ft.	30.00
150 Cornus Stolonifera, 3 to 4 ft.	25.00
100 Cornus Stolonifera, 2 to 3 ft.	20.00
250 Cornus Stolonifera, 18 to 24 ins.	25.00
100 Philadelphus Aureus, 18 to 24 ins.	40.00
300 Philadelphus Aureus, 15 to 18 ins.	35.00
300 Philadelphus Aureus, 12 to 15 ins.	30.00
200 Philadelphus Aureus, 9 to 12 ins.	25.00
25 Philadelphus Coronarius, 5 to 6 ft.	35.00
75 Philadelphus Coronarius, 4 to 5 ft.	28.00
75 Philadelphus Coronarius, 3 to 4 ft.	22.50
140 Philadelphus Grandiflorus, 4 to 5 ft.	28.00
100 Philadelphus Grandiflorus, 3 to 4 ft.	22.50
100 Philadelphus Grandiflorus, 2 to 3 ft.	18.00
100 Philadelphus Nivalis, 4 to 5 ft.	28.00
150 Philadelphus Nivalis, 3 to 4 ft.	22.50
50 Philadelphus Nivalis, 2 to 3 ft.	18.00
100 Philadelphus Virginialis, 4 to 5 ft.	40.00
100 Philadelphus Virginialis, 3 to 4 ft.	35.00
100 Physocarpus Monogynus, 3 to 4 ft.	25.00
50 Physocarpus Monogynus, 2 to 3 ft.	20.00
40 Physocarpus Monogynus, 18 to 24 ins.	18.00
35 Physocarpus Opulifolius, 5 to 6 ft.	30.00
200 Physocarpus Opulifolius, 4 to 5 ft.	25.00
400 Physocarpus Opulifolius, 3 to 4 ft.	21.00
200 Physocarpus Opulifolius, 2 to 3 ft.	17.50
65 Rhamnus Alnifolia, 4 to 5 ft.	25.00
50 Rhamnus Alnifolia, 3 to 4 ft.	20.00
50 Rhamnus Alnifolia, 2 to 3 ft.	18.00
140 Rhamnus Cathartica, 5 to 6 ft.	30.00
100 Rhamnus Cathartica, 4 to 5 ft.	25.00
100 Rhamnus Cathartica, 3 to 4 ft.	20.00

TREES [A fine grade for mail-order or counter trade	Per 1000
500 Salix Niobe, 5 to 6 ft.	\$ 75.00
500 Salix Niobe, 6 to 8 ft.	100.00
1000 Salix Babylonica, 4 to 5 ft.	65.00
1500 Salix Babylonica, 5 to 6 ft.	90.00
1000 Poplar Lombardy, 5 to 6 ft.	85.00
1500 Poplar Lombardy, 4 to 6 ft.	65.00
500 Poplar Simoni, 6 to 7 ft.	85.00
1000 Poplar Simoni, 4 to 6 ft.	65.00

1000	Prunus Newport, 6 to 8 ft.	Per 100
50	Prunus Newport, 6 to 8 ft.	\$100.00
20	Prunus Newport, 5 to 6 ft.	80.00
50	Prunus Vesuvius, 4 to 5 ft.	45.00
50	Prunus Vesuvius, 3 to 4 ft.	40.00
25	Prunus Cistena, 4 to 5 ft.	50.00
25	Prunus Cistena, 3 to 4 ft.	45.00

LINING-OUT STOCK	Per 1000
2500 Barberry Thunbergi, 2-yr. Seedl., 12 to 18 ins.	\$15.00
5000 Barberry Thunbergi, 2-yr. Seedl., 6 to 12 ins.	10.00
2000 Euonymus Al. Nanus, 4 to 6 ins.	90.00
1250 Ribes Alpinum, 6 to 12 ins.	50.00
7500 Viburnum Lantana, 8 to 12 ins.	40.00
2-yr. S.	40.00
2000 Viburnum Opulus, 12 to 24 ins.	40.00
2-yr. S.	40.00
4000 Viburnum Lentago, 10 to 18 ins.	40.00
2-yr. S.	40.00
1000 Crataegus Cordata, 8 to 12 ins.	35.00
2-yr. S.	35.00
4000 Cydonia, red upr., 12 to 24 ins.	50.00
2-yr. S.	50.00
5000 Cydonia, regular, 18 to 24 ins.	30.00
2-yr. S.	30.00
5000 Rhamnus Alnifolia, 12, 18, 24 ins.	30.00
2-yr. S.	30.00
2500 Cornus Amomum, 1 to 3 ft., 2-yr. S.	30.00
1000 Viburnum Sieboldi, 4 to 8 ins.	40.00
1-yr. S.	40.00
1000 Forsythia Specta., 6 to 18 ins., 2-yr.	35.00
1000 Forsythia Intern., 6 to 18 ins., 2-yr.	35.00
1000 Symphor. Chensaulti, 12 to 18 ins.	30.00
2-yr.	30.00
500 Symphor. Vulgaris, 12 to 18 ins.	30.00
2-yr.	30.00
10000 Ligustrum Ibolium, 12 to 15 ins.	30.00
10000 Ligustrum Ibolium, mostly single stems, 6 to 12 ins.	20.00

If you are in need of other items, send us your Want List.

PONTIAC NURSERIES
Romeo, Mich.

HARRISON-GROWN HIGH QUALITY APPLE TREES

Budded — True to Name

We will need a very large percentage of Harrison-grown Apple trees for our Spring 1944 retail orders for commercial orchardists and Victory Gardeners.

We have several thousand apple trees to offer to our fellow nurserymen at Wholesale prices of the following varieties:

BRIGHT RED JONATHAN

Close
Cortland
Double Red Baldwin
Early McIntosh
Early Red Duchess
Gallia Beauty
Hyslop Crab
JONATHAN

LARGE TRANSPARENT (Lodi)

Lobo
McINTOSH RED
Milton
Macoun
Red Gravenstein
RED SPY
Rhode Island Greening
RED ROME BEAUTY
Stayman Winesap
SCARLET RED STAYMAN

SOLID RED WINESAP
SUPER RED McINTOSH
Turley
Transcendent Crab
Twenty Ounce
TRIPLE RED DELICIOUS
Wealthy
Young America Crab
YELLOW TRANSPARENT
YELLOW DELICIOUS

2-year, budded, 6 to 7 feet, $\frac{7}{8}$ to 1-inch caliper.
2-year, budded, 5 to 6 feet, $\frac{1}{2}$ to $\frac{3}{4}$ -inch caliper.
2-year, budded, 4 to 5 feet, $\frac{3}{8}$ to $\frac{1}{2}$ -inch caliper.
2-year, budded, 3 to 4 feet, $\frac{1}{4}$ to $\frac{3}{8}$ -inch caliper.
Most of the aforementioned Apple Trees run in the two large sizes.

We can also supply a limited quantity of Apple Trees in the JUMBO and MAMMOTH size, which will run 6 to 8 feet, 8 to 10 feet and 10 to 12 feet. These are ideal trees for Victory Gardens.

Harrison-grown SOUR CHERRY TREES

High Quality — Budded — True to Name

Can supply a few thousand MONTMORENCY and a few hundred Dyehouse, Early Richmond, English Morello and May Duke at Wholesale prices in the following sizes:

2-year, budded, 5 to 6 feet, $\frac{1}{2}$ to $\frac{3}{4}$ -inch caliper.
2-year, budded, 4 to 5 feet, $\frac{3}{8}$ to $\frac{1}{2}$ -inch caliper.
2-year, budded, 3 to 4 feet, $\frac{1}{4}$ to $\frac{3}{8}$ -inch caliper.
2-year, budded, 2 to 3 feet, $\frac{1}{8}$ to $\frac{1}{4}$ -inch caliper.

Kindly submit Want List by wire or letter, stating number of fruit trees of each variety with size or sizes desired for Wholesale quotations.

Can make immediate shipment, or whatever time you desire during Spring 1944.

Terms—Freight Draft or C.O.D. and Express C.O.D.

HARRISONS' NURSERIES

Harrison Brothers, Props.

Berlin, Maryland

G. Hale Harrison, General Manager

why he is fortunate to be in the nursery business. He has written one line, and he is trying hard to think of something else. The one line is as follows:

"The nursery business is good healthy work."

Now, Frank, here is where I am stuck. Can you think of any other good reason? Think it over, Frank, and let me know, so I can finish off on the Third Act.

Yours truly,
Chas. Chestnut

MRS. RUTH GRAYBELL, who was recently associated with the Coolidge Rare Plant Gardens, Pasadena, has opened a rare plant nursery at Hemet, Cal.

HARVEST of war-needed lumber and other wood products from the 139,000,000 acres of productive woodland on farms can be sharply increased without danger to the future supply, says the United States Department of Agriculture.

VITEX MACROPHYLLA

Hardy Lilac Chaste Tree

Improved form over V. agnus-castus. More hardy, larger bloom spikes.

	Per 10	Per 100
3 to 4 feet.....	\$4.00	\$35.00
2 to 3 feet.....	3.00	25.00
18 to 24 inches.....	2.50	20.00
12 to 18 inches.....	1.75	15.00

CHASE NURSERY COMPANY

Chase, Alabama

VIBURNUMS

14 to 18 ins. 18 to 24 ins.

MOLLE LENTAGO DENTATUM

2-yr.-old seedlings for lining out.

Write for prices.

HINSDALE NURSERIES, INC.,

7200 S. Madison Rd. Hinsdale, Ill.

ROSES

Fine, Strong, No. 1 Grade
Ramblers and Climbers

New York-grown on Own Roots

Cl. Amer. Beauty	Dr. Van Fleet
Dr. Huey	Excelsa
Eugene Jacquet	Mary Wallace
Paul's Scarlet Cl.	Wichuraiana

Write for prices

W.-T. SMITH CORPORATION

Geneva, New York

FOR BEST RESULTS
USE THE
**EFFECTIVE
FUMIGANT**
DOW

METHYL BROMIDE

FOR NURSERY AND GREENHOUSE PLANTS
THE DOW CHEMICAL COMPANY
MIDLAND, MICHIGAN

Massachusetts Meeting

At the thirty-fifth annual meeting of the Massachusetts Nurserymen's Association, held at the Hotel Kenmore, Boston, January 4, attendance was good, in spite of unfavorable weather conditions. The names of the officers nominated for the ensuing year were elected, as follows: President, Seth L. Kelsey; vice-president, George Fellows; secretary-treasurer, Lloyd A. Hathaway; executive committee, Walter Stranger, Victor Heurlein, Clifford Corliss and Marinus Van der Pol.

President Clifford Corliss spoke of the future of the nursery trade during the postwar period, mentioning the enormous increase in building that will take place. He stressed the necessity of nursery participation in food production and also suggested that all members strive to keep their nurseries clean and ready for the huge demands that will soon be made upon them.

Dr. C. J. Gilgut, of the Waltham field station, reported on the activities of his department and on the experiments being conducted which will be of benefit to the nurserymen's industry. Dr. Gilgut, Prof. Paul Dempsey and Prof. W. D. Whitcomb answered questions, provided by Dr. Gilgut for discussion, that were of general help to the nurserymen present. These men are all associated with the Massachusetts State College, Amherst.

Nord W. Davis, of the state planning board of Massachusetts, gave an excellent address on the activities of the planning board, from the state and national viewpoint. The state planning board helps wherever it is needed, and during the past ten years it has reviewed projects totaling over \$50,000,000. The board is now preparing for postwar projects in cooperation with the state public works department and also is aiding the municipal and town planning boards as needed. The state highway commissions are making extensive surveys as to postwar road building, and the conservation department is making plans for parks, beaches and winter sports. Mr. Davis predicted an enormous increase in new homes after the war and a further increase in home occupancy. It is predicted that there will be twenty thousand new homes during the next twenty years.

Howard Russell spoke on the activities of the Farm Bureau and stressed the income tax service offered and the Blue Cross service. He

spoke of the necessity of some organization's considering carefully the question of war materials, as it would be a sad mistake to duplicate what was done after World War I. He spoke of having living memorials and hoped that nurserymen might help turn attention to this idea.



Seth L. Kelsey.

Louis A. Webster, state commissioner of agriculture, talked briefly regarding the various activities of the agriculture department.

Samuel P. Allison, director of Babson School for Positions and personnel and management consultant, mentioned three phases in management thinking. He warned nurserymen to avoid judging trends of the future by the trend of a certain period and emphasized that all thinking should be critical. He suggested that nurserymen tie all planning for

the future with the past, stressing analysis, coordination, cooperation and control.

The new president, Seth L. Kelsey, gave the report for the legislative committee's activities during the past year. It was moved by Mr. Kelsey and seconded by Winthrop Thurlow that section C be adopted. Section C provides that any member now in arrears in his dues for two years automatically forfeits his membership. Such membership may be reinstated upon payment of current dues and one year in arrears. This was approved unanimously.

A letter from W. N. Craig, resigning from the association, was read to the members, who immediately voted to elect Mr. Craig a life member of the association.

The question of a standard guarantee of nursery stock, to be used in the catalogues of all members, was brought up and occasioned a good deal of discussion. The guarantee proposed by the executive committee was voted down. A substitute form was suggested, but there was no unanimity of opinion on this question, and the guarantee was recommended for further discussion at the next meeting.

The question of a voting membership in the Farm Bureau was considered, and it was voted to increase payments to the bureau in proportion to justify action to vote equally with the various counties in the state.

Donald Wyman reported on the president's address made at the beginning of the meeting and recom-



1 MILLION CANADIAN HEMLOCK

3-year, 4 to 8 ins., \$18.00 per 1000

Finest Stock in the Country—Write Today for Complete Stock List

MUSSER FORESTS, INC. Indiana, Pa.

BOBBINK & ATKINS*Nurserymen and Florists***America's Leading Specialists in:—****Deciduous Azaleas**

including the best named varieties of Mollis, Pontica and Rustica

Hybrid Rhododendrons

20 leading varieties

Dogwoods—Pink and white**Ginkgos and Lindens****Vines**

Headquarters for English Ivy

Perennials and Roses

in varieties not obtainable elsewhere

Write for Catalogue

Paterson Ave.

E. Rutherford, N. J.

**DUTCH PIPE
BOSTON IVY
BAL TIC IVY**

And Other Vines

Write Us

JACKSON & PERKINS COMPANY
Newark, New York**Evergreens****Barberry****Privet**

Write for wholesale price list.

GARDNER'S NURSERIES

Rocky Hill, Conn.

BURRLeading wholesale source for
Nursery Stock.

Send us your Want List.

C. R. BURR & CO., INC.
Manchester, Conn.**PRINCETON NURSERIES**

of PRINCETON, N. J.

SUPERIOR**Hardy Ornamentals****KOSTER NURSERY**Azaleas, Rhododendrons, Taxus, Junipers, Lilacs,
Maples, Dogwood and other items in lining-out
and smaller specimen sizes. For complete line look
up your February 15 or March 1, 1943, issue.**SEABROOK FARMS**Bridgeton,
N. J.

Ask for our latest price list.

mended that the incoming president appoint a committee to plan a post-war program. Mr. Kelsey, the new president, was introduced, and he spoke briefly of the importance of our efforts during 1944.

LONICERA PILEATA.

The privet honeysuckle is a low, spreading broad-leaved evergreen, often with prostrate branches, which tend to take root where they touch the ground. While this plant is said to reach a height of two and one-half to three feet, in the trial at Columbus, O., it has not exceeded fifteen or eighteen inches. This may be due to the fact that it has not proved to be entirely hardy.

The leaves of *Lonicera pileata* resemble somewhat those of the English privet, *Ligustrum vulgare*, although smaller. They are dark, glossy green above, paler beneath, and are borne stiffly above the branches. The plant has not flowered in the Ohio tests. The flowers are yellowish-white and fragrant and are produced early in the spring. Purplish fruits are produced in the fall.

According to Rehder's "Manual of Cultivated Trees and Shrubs," the privet honeysuckle is listed as hardy in zone 5, which includes all of Ohio. However, in tests there this plant has not proved at all hardy. Even in normal winters it freezes back quite severely and plants on several occasions have been killed to the ground or outright.

Where the plant is hardy, it makes an interesting evergreen to use in the foundation planting, where it will combine well with several other broad-leaved or narrow-leaved evergreens, or for use in the rock garden. It also makes a good low hedge. The variety *yunnanensis* seems to lack hardiness, the same as the species in Ohio tests.

L. C. C.

PLEASE TELL NICK.

Kentucky nurserymen, especially those near Louisville, are anxious to find out if there are any nurserymen in training at Fort Knox, Ky. "If so, we should like to contact them and invite them to our homes and to the monthly meetings of the Louisville Retail Nurserymen's Association," states Nick Verburg, Anchorage, Ky.

HALF of the propagating range, four houses, of the Rhode Island Nurseries, Newport, R. I., are being operated this season. They were closed entirely last winter. V. A. Vanicek and Mrs. Vanicek attended the convention at Chicago.

PLANT NOW**and keep up your stock.****You will probably be
too busy next spring.****SEEDLINGS**

	100	1000
<i>Abies concolor</i> , 4 to 6 ins.....	\$4.00	.....
<i>Abies fraseri</i> , 4 to 6 ins.....	3.00	\$25.00
<i>Picea canadensis</i> , 4 to 6 ins....	3.00	25.00
<i>Picea excelsa</i> , 6 to 8 ins.....	4.00	35.00
<i>Picea excelsa</i> , 6 to 8 ins., tr. 6.00	50.00	
<i>Picea glauca albertiana</i> , 3 to 4 ins.....	3.00	25.00
<i>Picea pungens glauca</i> , 6 to 8 ins.....	3.00	25.00
<i>Picea pungens glauca</i> , 8 to 10 ins., tr.....	10.00	90.00
<i>Pinus mughus</i> , 4 to 8 ins.....	5.00	40.00
<i>Pinus nigra</i> (austriaca), 8 to 10 ins.....	4.00	35.00
<i>Pseudotsuga douglasii</i> , 6 to 8 ins.....	3.00	25.00
<i>Syringa vulgaris</i> , 10 to 15 ins.....	4.00	35.00
<i>Thuja occidentalis</i> , 6 to 8 ins., tr.....	6.00	50.00
<i>Thuja orientalis</i> , 10 to 12 ins., tr.....	6.00	50.00
<i>Tsuga caroliniana</i> , 3 to 4 ins. 4.00	35.00	

CUTTINGS

From 2½-inch pots.

\$12.00 per 100, 500 or over at \$10.00 per 100.

Ilex crenata bullata.
Juniperus depressa plumosa.
Juniperus horizontalis Bar Harbor.
Juniperus hibernica.
Juniperus excelsa stricta.
Juniperus phizeriana.
Juniperus sabina.
Retinospora plumosa aurea.
Taxus cuspidata.
Taxus cuspidata nana.
Taxus intermedia.
Taxus media hicksi.
Taxus cliftoni.
Taxus repandens.
Thuja occidentalis compacta.
Thuja globosa.

GRAFTS

	10	100
<i>Cornus florida rubra</i>	\$3.50	\$32.50
<i>Juniperus columnaris glauca</i> 3.50	32.50	
<i>Juniperus chinensis</i> neaborensis.....	3.50	32.50
<i>Juniperus squamata meyeri</i>	3.50	32.50
<i>Juniperus virginiana burki</i>	3.50	32.50
<i>Juniperus virginiana canaerti</i> 3.50	32.50	
<i>Juniperus virginiana glauca</i>	3.50	32.50
<i>Juniperus virginiana</i> ketelerii.....	3.50	32.50
<i>Juniperus virginiana</i> kosteriana.....	3.50	32.50
<i>Juniperus virginiana schottii</i> 3.50	32.50	
<i>Juniperus virginiana</i> pyramidiformis.....	3.50	32.50
<i>Thuja orientalis aurea nana</i> 2.75	25.00	

HESS' NURSERIES

Mountain View, N. J.

This Business of Ours

Reflections on the Progress and Problems of Nurserymen

By Ernest Hemming

PLANNING FOR THE FUTURE.

It is difficult to adjust our thought processes to present conditions in the nursery business. This is true to a certain extent in every other business and profession in the country, but in our business it is a little more so. We are classed as nonessential, justly so as regards winning the war, but then again we are vital to the welfare of the country. The time element in the production of our goods is so long, two to ten years, that it is the duty of every nursery to plan to cut down the postwar lag in production as much as possible. Here is where the difficulty lies, planning for the future under the present conditions.

Group action is out of the question. It is rather up to each individual nurseryman to plan as if the horticultural welfare of the country depended on his individual efforts. This planning would be much easier if we knew when the war would be over, which, according to the prophets and commentators, is anywhere from one month to five years.

With the exception of A. Hitler, we are all quite sure it will be in our favor, and it would seem that we have most to gain and least to lose if we plan in the belief that the war will be over in time for next spring's planting. E. H.

JOURNAL OF THE KEW GUILD.

I have often wondered if the big palm house at Kew Gardens, England, had been hit by a bomb and what a bomb would do to that huge iron and glass structure. While I believe bombs did fall in the vicinity of Kew Gardens, no report has come past the censors that gave much detailed information. The Journal of the Kew Guild just came to hand, and that also is lacking in information on the subject, but otherwise, while a little smaller, it has the earmarks of a new vitality and a broader vision.

While the horticultural activities have largely been subordinated to the war and most of the student gardeners and personnel are in the armed forces, it is gratifying to all interested in plants that the Kew Gardens are still going strong. There is one thing in the Kew system of training that sets it apart from that of other schools and colleges; it is

the necessary qualification that, before he can enter Kew, the applicant must have served at least five years' apprenticeship at approved gardens or nurseries and be over 21. This insures practical experience, upon which the higher branches of horticulture are founded.

One almost wishes the Kew system of training its men could be adopted in this country. Here a boy goes to grammar school until he is 14, high school until he is about 18, college until he is about 21. Hardly a system by which to train good craftsmen in our particular profession. But he gets there just the same. E. H.

THE nursery at Lexington, Mass., operated at one time as the Breck-Robinson Nursery, the Burbrec Nurseries and the Bay State Nurseries at Lexington, has been taken over by the New England Tree Expert Co., of which H. J. Tamke is president. Sheldon A. Robinson is manager.

LINING-OUT STOCK

Grown right. Handled right.
Packed right.
All two and mostly three times transplanted.

Juniper Pfitzer.	Each, in 100 lots	Each, in 1000 lots
5 to 8 ins.....	12c	10c
8 to 12 ins.....	16c	14½c
12 to 15 ins.....	18c	16c
Jun. Pfitz. Aureo Hilli		
4 to 6 ins.....	10c	.....
5 to 8 ins.....	12c	.....
8 to 12 ins.....	16c	.....
12 to 15 ins.....	18c	.....

TAXUS

Media, 3 yr., 5 to 8 ins....	16c	.....
8 to 10 ins.....	18c	.....
10 to 14 ins.....	22c	.....

Limited quantities of the following.
Write for prices.

Browni
Brevifolia
Cuspidata

Hatfield
Hill's Pyramidal

AUGUSTINE NURSERIES

NORMAL, ILL.

HEMLOCK

Rhododendrons

Kalmia — Azaleas

Write for our list

CURTIS NURSERIES

Callicoon

New York

OBITUARY

Harold McFaddan.

Harold McFaddan, formerly manager of the Del Amo Nurseries, Compton, Cal., died suddenly December 29 at Los Angeles. Death came as the result of a heart attack. He was 43 years old.

Mr. McFaddan was born in Atchison county, Kan. He was a newspaper reporter and editor and an advertising agency executive before he took over the job of managing the Del Amo Nurseries in 1936; he retained this position for several years. He was engaged last year as executive secretary of the Southern California Nurserymen's Association, of which he was formerly vice-president. He also served as president of Horticultural Industries, Inc., at one time.

Dallas Dupre, Sr.

Dallas Dupre, Sr., 80, florist and nurseryman, died December 30 at his home, at Columbus, O.

A native of Gallia county, O., Mr. Dupre taught school for some time. Retiring from the mail service at 67, he became president of the Indianola



Who offers the nursery trade of this country the greatest line of rare trees and shrubs?

What is the only wholesale nursery list that shows the hardiness of each item?

Write for list 4344 and find out! But use your business stationery, as postcards will be ignored.

W. B. CLARKE & CO.

San Jose 2, Calif.

We Offer for Spring 1944

SHADE TREES

FLOWERING SHRUBS

EVERGREENS

and VINES

O. H. Perry Nursery Co.

Box 545 McMinnville, Tenn.

We Offer—**For Spring 1944**

EVERGREENS—In a large assortment of PYRAMIDAL ARBOR-VITAE, FETTER JUNIPER and YEW in grades at attractive prices. **SOME LARGE SPECIMEN EVERGREENS, SHRUBBERY, SHADE TREES, BARBERRY 3-yr.** transplanted, both red and green in grades.

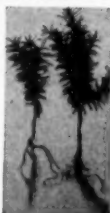
CALIFORNIA PRIVET, 2-yr. in grades.
APPLE, 11 to 16 ins. to 1½-inch caliper, 3 and 4-yr. budded trees, good assortment.

Mail want list for prices.

THE WESTMINSTER NURSERIES
Westminster, Md.

100,000 YEW SEEDLINGS

The last for many a year. 95% true upright, collected in pure forest stands in Japan. Now 3 to 6 inches, beginning to branch (see photo) heavier than ordinary.



\$4.00 (100), \$38.00 (1000).
(Case of 2000 for \$89.00)

Also 10,000 Hemlock bushy transplants, \$11.00 per 100, \$100.00 per 1000. Other items as well.

KELSEY NURSERY SERVICE
50 Church St. New York, N. Y.

Rhodos
BOTH NATIVE
AND NURSERY GROWN
KALMIA AZALEAS
Hemlocks AND Pieris
La Bars'
STROUDSBURG PA.

**Nursery Stock at
Wholesale Only.**



ARTHUR DUMMETT
61 W. Grand St. Mount Vernon, N. Y.

SHEPARD NURSRIES

Growers and Distributors of
ORNAMENTAL NURSERY STOCK
60 acres growing. Skaneateles, N. Y.

**CLEMATIS and
ORNAMENTAL VINES**

Write for Trade List.
JAMES I. GEORGE & SON
Fairport, N. Y.

UNDERSTOCKS

Juniper virginiana, transplant seedlings. Picea excelsa, transplants. Thuja occidentalis, transplants.

Write for attractive prices.

RHODE ISLAND NURSERIES
Newport, R. I.

Florist Co. and operated the Dupre Nurseries.

Surviving are his widow, Mrs. Elizabeth Mitchell Dupre, with whom he had just celebrated his sixtieth wedding anniversary; two sons, Dallas Dupre, Jr., landscape architect, and Huntley Dupre, former junior dean of the college of arts at Ohio State University; two daughters, Mrs. Henrietta Leshner and Mrs. Grace Hills, both of Columbus; a sister, and fourteen grandchildren. B. J.

Frederick W. Barclay.

Frederick W. Barclay, known for his specialties in ground cover plants when he was a nurseryman at Line Lexington, Pa., died November 19, 1943, at the home of his daughter, Mrs. Ralph Massie, at Ironton, O.

Mr. Barclay was born at Kent, Conn., and graduated in 1897 from Massachusetts State College, where he majored in horticulture. He married Emma Buchel in 1898. Early in his career he had charge of the parks and playgrounds at Wilkes-Barre, Pa., and for many years was connected with the park department at Cincinnati, O. Mr. Barclay operated the nursery at Line Lexington from 1926 until he retired last year and went to live at Ironton, O.

He is survived by his widow and daughter; one sister, Mrs. Charles Hardy, Mount Vernon, N. Y.

Leonard E. Zink.

Leonard E. Zink, of the Hermosa Nurseries & Floral Co., Durango, Colo., died December 28 at the Colorado General hospital, Denver, Colo. He was 40 years old. Although he had been under treatment for a rare blood disease for several weeks, his condition had not been thought critical.

He was educated at Durango, where he established his nurseries about twenty years ago. He started the florists' shop a little over seven years ago.

His son, Pfc. Leonard Earl Zink, of the marines, who is stationed at Memphis, Tenn., was able to come home for the services. Besides his son and his widow, he is survived by a daughter, Ritabell; four brothers, three sisters and his father.

WILLIAM SMITH, retail florist of Rocky Mount, N. C., recently purchased the Rozalea house, built by one of the south's greatest landscape artists, the late Sam Nash, located between Tarboro and Rocky Mount. The large nursery and acres of land that adjoin this property will be devoted exclusively by Mr. Smith to the culture of camellias and Kurume and Indica azaleas.

RHODODENDRON HYBRIDS.

Grafted, hardy varieties only.

AZALEA KAEMPFER HYBRIDS.

Named varieties; the hardiest of all Azaleas for landscape work.

KOSTER'S BLUE SPRUCE.

Perfectly shaped; transplanted.

EUROPEAN BEECH.

Fine specimen. Also fastigiata, pendula, Riversii.

LILACS.

The best collection of choice varieties.

FLOWERING JAPANESE CHERRIES.

Three outstanding varieties.

CRAB APPLES.

Young, thrifty plants, selected varieties.

LABURNUM VOSSII.

Grown in standard form.

BAGATELLE NURSERY

Huntington Station, L. I., N. Y.

P. M. Koster, Mgr.

Please make request for our catalogue on business stationery.

"A friendly, efficient sales service"

E. D. ROBINSON**SALES AGENCY**

38 So. Elm St. P. O. Box 285
WALLINGFORD, CONN.

Representing

Adams Nursery, Inc.
Bristol Nurseries, Inc.
Barnes Brothers Nursery Co., Inc.
North-Eastern Forestry Co., Inc.
A. N. Pierson, Inc.

A complete line of well grown hardy plant material
Evergreens and Linings-out Stock

PRIVET and BERBERIS

Splendid Stock

Write for Special Quotations

LESTER C. LOVETT

MILFORD

DELAWARE

SEEDS

TREE AND SHRUB
PERENNIALS

HERBST BROTHERS

92 Warren St.

New York 7, N. Y.

Wholesale Growers of

Grapevines, Currants, Gooseberries,
Blackberries and Raspberries
Let us quote on your requirements

FOSTER NURSERY COMPANY, INC.

60 Orchard St.

Fredonia, N. Y.

EVERGREEN LINERS

Taxus, many varieties.
Juniper and Spruce grafts
seedlings and transplants.
Ask for our latest price list.

HEASLEY'S NURSERIES

Freeport Road,

Butler, Pa.

Publish your price list in the
AMERICAN NURSERYMAN
th reach the trade promptly.

Coming Events

ON THE CALENDAR.

January 17 and 18, North Carolina Association of Nurserymen.

January 18 and 19, Indiana Nurserymen's Association, Indianapolis.

January 20 and 21, Ohio Nurserymen's Association, Deshler-Wallick hotel, Columbus, following short course at Ohio State University, January 18 and 19.

January 20, Connecticut Nurserymen's Association, Hotel Garde, New Haven.

January 26, New Jersey Association of Nurserymen, Hotel Hildebrecht, Trenton.

January 26, Oregon Nurserymen's Association, Hotel Heathman, Portland.

January 27, New York Nurserymen's Association, Hotel Pennsylvania, New York.

January 27 and 28, Michigan Association of Nurserymen, Fort Shelby hotel, Detroit.

February 1 and 2, Kentucky Nurserymen's Association, Kentucky hotel, Louisville.

February 1 to 3, New England Nurserymen's Association, Hotel Statler, Boston.

February 2 and 3, Wisconsin Nurserymen's Association, Milwaukee.

February 9 and 10, Pennsylvania Nurserymen's Association, Warwick hotel, Philadelphia.

CONNECTICUT MEETING.

The thirty-seventh annual meeting of the Connecticut Nurserymen's Association will be held January 20 at the Hotel Garde, New Haven. Starting at 10 a. m., business will be transacted and mutual problems discussed. A turkey dinner will be served at 12:30.

KENTUCKY PLANS.

The annual meeting of the Kentucky Nurserymen's Association is set for February 1 and 2, at the Kentucky hotel, Louisville. The program will begin on the afternoon of February 1, and a banquet will be held in the evening. There will be a business meeting, together with any part of the program unfinished on the preceding day, on the morning of February 2. The program is being arranged in flexible form, so as to permit of ample discussion, states Secretary H. G. Tilson.

OREGON PROGRAM.

The midwinter meeting of the Oregon Association of Nurserymen will be held at the Heathman hotel, Portland, Ore., January 26, preceded by a meeting of the advisory board members on the evening of January 25 at the Portland office of the state department of agriculture.

A full day of reports is scheduled at two sessions. In the evening will be held a banquet, at which Hans Niklas will be toastmaster and Capt. Douglas McKay, director of training and public relations officer at Camp Adair, will speak on, "I'm in the Army Now—Again."

The schedule of the business sessions is as follows:

JANUARY 26, 9 A. M.

Call to order, by Wayne Melott, Forest Grove, president.

Reading of minutes, by A. E. Pettersen, Portland, secretary.

Treasurer's report, by Fred Borsch, Maplewood.

Unfinished and new business.

Report of advisory board members.

Report of standing committees.

"Report on Northwest Nurserymen's Association," by Avery Steinmetz, Portland.

"Pests, Natural Barriers, Quarantines and Surveys," by Frank McKennon, chief, division of plant industry, state department of agriculture, Salem.

"Recent Nematode Findings," by W. D. Courtney, federal nematologist, Sumner, Wash.

"The Nurseryman's Position in Food Production," by S. B. Hall, Multnomah county agent, Gresham.

JANUARY 26, 1:30 P. M.

"Nurserymen in a World at War," by Marshall Dana, Oregon Journal.

"Postwar Agriculture," by E. L. Peterson, director, state department of agriculture, Salem.

"A Plan for Improving Oregon-Grown Stone Fruit Nursery Stock," by Prof. Henry Hartman, Dr. John Milbrat, Dr. S. M. Zeller, Oregon State College, Corvallis.

"Peach Varieties and Rootstocks," by A. N. Roberts, Oregon State College.

"Fruit Tree Virus Work in Washington," by F. E. DeSelle, supervisor of horticulture, Washington state department of agriculture, Olympia.

NEW YORK STATE MEETING.

The newly formed New York State Nurserymen's Association will hold its first meeting January 27 at the Hotel Pennsylvania, New York city. Arrangements are in the hands of the Long Island group of nurserymen, with Howard Taylor in charge. Formation of this state-wide organization was announced in the December 15 issue, after a meeting of representatives of the three old associations functioning in western New York, in the Hudson river valley and on Long Island. The officers of the state-wide association are: President, Howard Taylor, East View; vice-president, Howard Maloney, Dansville, and secretary-treasurer, H. B. Tukey, Geneva.

The Long Island and Allied associations will hold separate annual meetings in the morning, and the

New York state meeting will be held in the afternoon, with luncheon and dinner for the entire group.

Stuart Constable, of the New York city park department, design division, will be the principal speaker. His topic will be "New York City's Postwar Program," and he will tell the part that the nurserymen will share in the program.

While the list of speakers is not yet complete, they will include Dick White and others with important messages for the nurserymen of the state.

What is now the western division of the state association, renamed the Western New York Nurserymen's Association, met at Rochester, January 14, when the principal speakers were Commissioner of Agriculture C. C. DuMond, Dr. A. B. Buchholz, Dean C. E. Myers of Cornell University and Richard P. White, A. A. N. executive secretary.

MICHIGAN PROGRAM.

The complete program of the twenty-second annual convention of the Michigan Association of Nurserymen, to be held at the Fort Shelby hotel, Detroit, January 27 and 28, is announced as follows:

JANUARY 27, 10 A. M.

Address, by President Charles B. Greening, Monroe.

Address of welcome, by Mayor Edward Jefferies, Jr.

Report of secretary-treasurer, by Andrew M. Grootendorst, Benton Harbor.

"How Michigan's Agriculture Has Contributed to the War Effort," by Charles Figy, commissioner of agriculture, Lansing.

"Blueberry Culture in Michigan," by Stanley Johnston, superintendent, South Haven experiment station.

JANUARY 27, 2 P. M.

"War Activities in the Pacific," by Lieut. William P. Patterson.

"Are Our Profits Actually Profits During Wartime Operations?" by Arthur H. Hill, Dundee, Ill.

JANUARY 27, 7 P. M.

Annual dinner and entertainment.

JANUARY 28, 10 A. M.

"Proposed Postwar Parks and Parkways for Detroit," by Arthur C. Scheifle, executive secretary Huron Clinton Metropolitan Authority, Detroit, Mich.

"What the A. A. N. Is Doing at Present and Its Postwar Plans," by Frank S. LaBar, Stroudsburg, Pa., president, A. A. N. Business session.

Meeting Michigan A. A. N. chapter.

WISCONSIN PLANS.

The twenty-seventh annual convention of the Wisconsin Nurserymen's Association will be held at the Hotel Schroeder, Milwaukee, February 2 and 3.

Because of the stress laid these days on fruit and food production, this year's meetings will lay emphasis on that and postwar planning.

CHINESE ELM SEEDLINGS

	Per 100	Per 1000
6 to 8 feet.....	\$10.00	\$80.00
5 to 6 feet.....	6.00	50.00
4 to 5 feet.....	3.50	30.00
3 to 4 feet.....	2.40	20.00
2 to 3 feet.....	1.70	14.00
18 to 24 inches.....	1.20	10.00
12 to 18 inches.....	.85	7.00
6 to 12 inches.....	.50	4.00

500 same grade at 1000 rates

WILLIS NURSERY COMPANY
Progressive Nurserymen
Ottawa, Kan.

Sugar or Hard Maple

	Each
5 to 6 ft.	\$0.60
6 to 8 ft. ....	.90
8 to 10 ft.	1.40
10 to 12 ft., 1½ to 1¾ in. cal.	2.00
12 to 15 ft., 1¾ to 2 in. cal.	2.50

Packing additional.

Write for list of Evergreens, Shades, Shrubs, Peonies, Irises.

THE SARCOXIE NURSERIES
Wild Bros. Nursery Co.
Sarcoxie, Mo.

SPREADING YEW

(*Taxus cuspidata*)

4 to 8-inch Rooted Cuttings

All originating from one parent plant which means these yews will be uniform in shape and size. Since heating difficulties limit operation of greenhouses, resulting in curtailed propagation, we urge you to order now.

\$6.00 per 100, \$47.50 per 1000,
\$135.00 per 3000.

ILGENFRITZ
Monroe, Mich.

JUNIPERUS VIRGINIANA

JUNIPERUS VIRGINIANA.

	Per 100
Red Cedar	
12 to 18-inch, 2-yr.,	
Transplanted	\$ 8.00
18 to 24-inch, 2-yr.,	
Transplanted	10.00
24 to 30-inch, 3-yr.,	
Transplanted	15.00
30 to 36-inch, 3-yr.,	
Transplanted	20.00

O. H. Perry Nursery Co.
Box 545 McMinnville, Tenn.

WHITE DOGWOOD

Nursery-grown, Healthy, Heavy

	Each
500 4 to 5 ft.	\$0.40
500 5 to 6 ft. ....	.60
500 6 to 8 ft. ....	.75
100 8 to 10 ft.	1.00

BLUE RIDGE GARDENS
Roanoke, Va.

In addition to the regular business meeting on the morning of the first day, E. L. Chambers, state entomologist, and his department will put on their annual program of what's new in regulatory measures and pest control. Mr. Chambers always does this job well.

The afternoon of the same day will be given over to competent speakers on, and a general discussion of, fertilizers and soil problems as they confront us today. Time will also be allotted for general discussion of any questions members may wish brought up. The committee feels this question and answer period deserves more attention and time than it usually receives.

Thursday morning, Sid Telfer, a successful apple and cherry grower from Door county, will discuss fruit growing as a commercial grower sees it, and what a grower looks for in the selection of good nursery stock. Following Mr. Telfer, a number of members will, in 5-minute talks, express their opinion on postwar plans and problems.

A luncheon will be served at noon Wednesday, the first day, and a banquet the same evening, both with suitable programs and speakers.

NEW ENGLAND PROGRAM.

The New England Nurserymen's Association will again hold a 3-day conference, sandwiching one day's educational program between two days of convention sessions, at the Hotel Statler, Boston, February 1 to 3.

The morning of February 1 will be devoted to registration and view of trade exhibits in the lobby leading to the Salle Moderne, where the meetings will convene in the afternoon. The following day's program has been arranged by the educational committee, in order to give vital information to responsible employees of member firms, as well as owners and managers. It is hoped that each member firm will bring superintendents, salesmen, foremen and other responsible employees. A registration fee of \$1 per individual is charged.

The annual banquet will be held on the evening of that day, and two sessions on February 3 will be devoted to business and important addresses on subjects which will affect the industry in an important manner after the war.

The program scheduled in full is as follows:

FEBRUARY 1, 1 P. M.

Address of welcome, by D. B. Stanbro, manager, Hotel Statler.

Response, by Lloyd Hathaway, Abington, Mass., vice-president.

HEADQUARTERS

For Your Lining-out Shrubs
and Shade Trees

Order Now for
Spring Planting Stock

LINING-OUT TREES

Acer Dasycarpum, Silver

Maple	Per 1000
6 to 12 inches, S.	\$ 5.00
12 to 18 inches, S.	7.50
18 to 24 inches, S.	10.00
2 to 3 feet, S.	15.00

CORNUS FLORIDA, White-flowering Dogwood

6 to 12 inches, S.	\$10.00
12 to 18 inches, S.	15.00
18 to 24 inches, S.	20.00
2 to 3 feet, S.	25.00

MORUS TATARICA, Russian

Mulberry	
6 to 12 inches, S.	\$ 5.00
12 to 18 inches, S.	7.50
18 to 24 inches, S.	10.00
2 to 3 feet, S.	15.00

POPULUS NIGRA, Lombardy

Poplar	
12 to 18 inches, S.	\$15.00
18 to 24 inches, S.	25.00
2 to 3 feet, S.	35.00
4 to 5 feet, S.	45.00

LINING-OUT SHRUBS

ALTHAEA ROSE OF SHARON
SEEDLINGS

4 to 6 inches, S.	\$ 2.50
6 to 12 inches, S.	5.00
12 to 18 inches, S.	7.50
18 to 24 inches, S.	10.00
Grafting grade, S.	10.00
2 to 3 feet, S.	15.00

CALYCANTHUS FLORIDUS,

Sweet Shrub	
6 to 12 inches, S.	\$12.50
12 to 18 inches, S.	20.00
18 to 24 inches, S.	30.00
2 to 3 feet, S.	40.00

CYDONIA JAPONICA, Flowering Quince Seedlings

6 to 12 inches, S.	\$15.00
12 to 18 inches, S.	20.00
18 to 24 inches, S.	25.00
2 to 3 feet, S.	30.00

SPIRAEA THUNBERGI

Rooted cuttings	\$20.00
6 to 12 inches, S.	30.00
12 to 18 inches, S.	40.00

FORSYTHIA SUSPENS.

Weeping Forsythia	
6 to 12 inches, C.	\$25.00
12 to 18 inches, C.	30.00
18 to 24 inches, C.	40.00

MALLOW MARVELS, Mixed Colors

A beautiful perennial of the Hollyhock family, large flowers.	
1-yr., S. No. 1.	\$10.00
1-yr., S. No. 2.	8.00
2-yr., S. No. 1.	15.00
2-yr., S. No. 2.	12.00

LIGUSTRUM OVALIFOLIUM.

California Privet

Rooted cuttings	\$ 8.00
6 to 12 inches, 2 br.	12.00
12 to 18 inches, 2 br.	15.00
18 to 24 inches, 2 br.	20.00

SALIX DISCOLOR, Pussy Willow

6 to 12 inches, C.	\$15.00
12 to 18 inches, C.	20.00
18 to 24 inches, C.	25.00
2 to 3 feet, C.	30.00

Catalogue on Request.

ORDER NOW WHILE WE HAVE A
SURPLUS.
ALL STOCK QUOTED, F. O. B.
McMinnville, Tenn.

Boyd NURSERY COMPANY
McMinnville, Tenn.

President's address, by Edmund Mezitt, Weston, Mass.

Report of secretary, by Louis A. Vanderbrook, Manchester, Conn.

Treasurer's report, by Frederick S. Baker, Cheshire, Conn.

"Garden Clubs' Service in Military Hospitals," by Mrs. Sherman L. Whipple, Jr., chairman, Garden Clubs' Service.

"New Regulations for 1944 and What to Do about Them," by Richard P. White, executive secretary, American Association of Nurserymen.

Reports of standing committees: Legislative, by George Thurlow; vigilance, by Walter Stranger; publicity, by Don Wyman; transportation, by E. M. Bush.

Reports of special committees.

FEBRUARY 2, 9:30 A. M.

Panel of experts on "Nursery Management Problems"—Professors Dempsey, Whitcomb and Gilgut.

"Identifying the Conifers," by Dr. Donald Wyman, horticulturist, Arnold Arboretum.

FEBRUARY 2, 2 P. M.

"Nursery Plantings for the Long-term Period," by Dr. L. C. Chadwick, Ohio State University.

Round-table forum: 1. Nurserymen and the War. 2. Postwar Problems for the Nursery Industry.

FEBRUARY 2, 6:30 P. M.

Annual banquet and entertainment.

FEBRUARY 3, 9:30 A. M.

Reports of standing committees: Membership, by Louis Vanderbrook; education, by Lloyd Hathaway; trade exhibits, by Jack Shore; resolutions, by Isaac Williams.

Reports of special committees: Code of ethics and uniform guarantee, by Seth Kelsey.

Election of officers.

"Peeking Ahead a Bit," by Frank LaBar, president, American Association of Nurserymen.

"New England Agriculture and the Nurseryman," by Milton Allen, secretary, committee of agriculture and forestry, New England Council.

FEBRUARY 3, 2 P. M.

"The Economic Development of New England as It Affects Nurserymen," by Carl D. Smith, president, Babson Institute of Business Administration.

"Postwar Highway Development in Massachusetts," by Edgar F. Copell, traffic division, department of public works.

New and unfinished business.

KANSAS HORTICULTURAL SOCIETY MEETING.

The annual meeting of the Kansas State Horticultural Society will be held at Manhattan, Kan., February 10 and 11. Speaking to the fruit growers will be Carl Wooster, chief of the marketing division of the fruit and vegetable branch of the United States Department of Agriculture; Dr. M. J. Dorsey and Dr. V. G. Milum, of the University of Illinois; Dr. William F. Pickett and Dean L. E. Call, of Kansas State College, and President Milton Eisenhower. The Associated Garden Clubs of the state will meet on the same days and will be addressed by L. R. Quinlan on "Landscaping for the Duration."

J. & P. LISTS NOVELTIES.

Though a few of the new varieties of roses were entirely eliminated by heavy sales from the fall catalogue, according to E. S. Boerner, the 1944 retail catalogue of Jackson & Perkins Co., Newark, N. Y., shows little of the war's effect. Again there are forty-eight large pages in color, largely devoted to roses, among which the newcomers are Waves, Brandywine, Prima Donna, Mexico and Katherine T. Marshall. More space is given to perennials, and the principal new ones are Tritoma Robin Hood and Lythrum Rosalie. While two or three pages have been given previously to fruits and berry plants, this year something new is a page devoted to blight-resistant chestnut trees.

DIKE ON NURSERY LAND.

Like the lands of Holland reclaimed from the ocean, a 30-acre field of Charles McNair at West Sparta, in Livingston county, is the first land in New York state to be completely surrounded by a dike, through the work of a soil conservation district.

The field is part of a rich section

AMERICAN NURSERYMAN

of valley soil near Dansville. Much of the land, because of intensive flood damage to the nursery plants, has been abandoned for these valuable crops.

Another field on the farm is also protected along one side by a dike 1,000 feet long, to intercept the floodwaters of Bradnor creek.

The field enclosed by the dike has

TOMATO

DWARF CHAMPION. A pink-fruited variety of compact sturdy growth. Very popular for flat sales. 1 oz., 65c; ¼ lb., \$2.25.

JOHN BAER CERTIFIED. Extremely popular early sort. 1 oz., 65c; ¼ lb., \$2.25.

JUBILEE. A new and truly different sort. Orange-yellow in color, excellent for home gardens. 1 oz., \$1.60; ¼ lb., \$5.50.

MARGLOBE CERTIFIED. A re-selected strain of extremely heavy yield. 1 oz., 60c; ¼ lb., \$1.85.

SAN MARZANO (Italian Red Plum). Favorite for paste and excellent for home canned juice. 1 oz., 75c; ¼ lb., \$2.75.

VICTOR. A new very early type with a self-topping vine. 1 oz., 75c; ¼ lb., \$2.50.

All the above and many other items will be found listed and described in our new 1944 General Catalogue. Write for your copy.

SOMERSET ROSE NURSERY, INC.
P. O. Box 608, New Brunswick, N. J.

MYROBALAN SEED

LOVELL PEACH PITS

Nation's Leading Source

Write today for quotations.

California
NURSERY COMPANY
Niles, California

LOVELL PEACH PITS

THE

Howard-Hickory Company

Hickory, N. C.

North Dakota and Montana Seeds

Northern-grown Tree, Shrub and Wild Flower seeds. Wholesale crude botanicals.

E. C. MORAN Stanford, Mont.

Send for New Seed List.

A. B. C.

"Supreme" Quality

SEEDS — PLANTS — BULBS

and
Growers' Accessories

AMERICAN BULB CO.

1335 W. Randolph St. CHICAGO 7
31 W. 27th St., NEW YORK 1

BELT'S BETTER GRASSES

For
Turf, Lawn, Airfields

THE BELT SEED COMPANY, INC.
Baltimore 2, Md.

A National Seed Service

Are you working on **GOV'T PROJECTS** requiring **GRASS SEED**?

We are supplying many large projects. May we discuss specifications with you and make quotations?

F. H. WOODRUFF & SONS, Inc.
Milford, Conn., Toledo, Ohio

MOUNT ARBOR NURSERIES

E. S. Welch, Pres. - Est. 1875 - Shenandoah, Iowa

--- Wholesale Only ---

"One of America's Foremost Nurseries"

**FOR WINTER AND
SPRING OF 1944**

APPLE TREES, good assortment in limited number of leading varieties, 11 to 16-inch grade.

Large Assortment of
**ORNAMENTAL TREES,
SHRUBS, EVERGREENS, VINES
and PERENNIALS.**

Most of the shrubs, vines, and a good assortment of ornamental trees are in storage.

Always pleased to receive want lists.

New Trade List ready in January.

BUXUS SEMP. WELLERI

(Weller's Hardy Northern Type)

Only Boxwood proven hardy in Northern States for Twenty Years

Without Ball	Per 10	Per 100
6 to 8 ins. for hedging	\$2.50	\$20.00
8 to 10 ins. for hedging	3.00	25.00
Lining-out grade, 1-yr., strong-rooted,		
3 to 6 ins.,		
\$7.50 per 100; \$60.00 per 1000		
6 to 8 ins.,		
\$10.00 per 100; \$85.00 per 1000		

WELLER NURSERIES CO., Inc.

Holland, Mich.

Ask for our Perennial Catalogue



Wholesale growers of the best
**Ornamental Evergreens,
Deciduous Trees,
Shrubs and Roses.**

Write for our current trade list.

THE KALLAY BROTHERS CO.
Painesville, Ohio

FALL PLANTING OF EVERGREENS

	Per 100
1 yr. Transplanted Grafts, 10 to 12 ins.	\$35.00
2 yr. Transplanted Grafts, 12 to 18 ins.	\$60.00
4 yr. Twice Transplanted, B&B	\$90.00
Jun. Canaerti, Jun. Burki, Jun. Columaris,	
Jun. Dundee, Jun. Keteleeri, Jun. Globosa and	
Jun. Pyramidalis.	

Burton's Hill Top Nurseries, Castawa, Ohio

NEW and BETTER

Hardy Plants.
Hardy Chrysanthemums.
Hardy Herbs.

Send for new Trade List.

CARROLL GARDENS
Westminster, Md.

COLORADO SPRUCE

Transplanted, grown wide apart and a very superior article, splendid shape and splendid roots.

6 to 9-inch	\$10.00 per 100
9 to 12-inch	12.00 per 100
12 to 18-inch	15.00 per 100

TREADWELL NURSERY CO.
Great Falls, Mont.

drainage channels within it, leading to two culverts under the dike. These culverts have one-way gate valves that keep out floodwaters, but allow the drainage water to flow out after the floodwater has passed.

BERGEN'S BUSY HOLIDAY.

George A. Schubert, proprietor of Bergen Florist Supplies, Hackensack, N. J., reports having had the busiest Christmas in his firm's history. Even with the scarcity of materials, he sold more than ever before. Hemlock branches were sold to florists in twice the quantity of the preceding two years, and balsam fir boughs were sold in large quantities as well. The firm recently purchased the building next door for storing merchandise more conveniently. By hiring truck drivers to come in at 6 o'clock each evening, he has been able to make local deliveries promptly, the merchandise being set on the trucks during the day.

CATALOGUES RECEIVED.

Carroll Gardens, Westminster, Md.—Wholesale trade list of perennials and alpine plants, 16 pages and cover, 4x9 inches.

Buntings' Nurseries, Inc., Selbyville, Del.—Spring trade list of nursery stock, 24 pages, 3¼x8¾ inches.

Walker Nurseries, Memphis, Tenn.—Retail catalogue of general nursery stock, 36 pages and cover, 4x9 inches. Wholesale prices listed in separate 4-page folder.

W. Atlee Burpee Co., Philadelphia, Pa.—Retail catalogue of flower and vegetable seeds, profusely illustrated, partly in color, 112 pages and cover, 6¼x9¾ inches. Wholesale price list for market growers and florists, 64 pages and cover, 6x9 inches.

American Bulb Co., Chicago, Ill.—Wholesale price list of flower seeds, bulbs, roots, cuttings and miscellaneous supplies, 72 pages and cover, 8½x11 inches.

Vaughan's Seed Store, Chicago, Ill.—Spring catalogue of flower seeds, plants, general nursery stock, vegetable plants and seeds, supplies and tools. Profusely illustrated, partly in color, 120 pages and cover, 8x10½ inches.

Hallawell Seed Co., San Francisco, Cal.—Retail catalogue of seeds, bulbs, plants, fruit trees and small fruits, roses and garden supplies, well illustrated, 80 pages, 8½x11 inches.

Jackson & Perkins Co., Newark, N. Y.—Retail catalogue of roses, perennials, fruits and blight-resistant chestnut trees, illustrated in color, 48 pages, 9x12 inches.

Maloney Bros. Nursery Co., Inc., Danville, N. Y.—Retail catalogue of fruit trees, small fruits, shade and ornamental trees, roses, perennials flower and vegetable seeds, illustrated in color, 40 pages, 8x11 inches.

Evergreen Nursery Co., Sturgeon Bay, Wis.—Wholesale trade list of lining-out stock, 8 pages and cover, 3¼x8¼ inches.

CHOICE LANDSCAPE MATERIAL

First-class stock in all respects

Items below Balled and Burlapped.	Each
Biota Orientalis Aurea Nana	\$1.00
24 to 30 ins.	
Biota Orientalis Bonita	1.25
24 to 30 ins.	
Biota Orientalis Bakeri	1.50
4 to 5 ft.	
Juniperus Chinensis Pfitzeriana	1.00
18 to 24 ins.	
Juniperus Chinensis Pfitzeriana	1.25
24 to 30 ins.	
Juniperus Communis Ashfordi	1.25
3 to 4 ft.	
Juniperus Excelsa Stricta	1.25
24 to 30 ins.	
Juniperus Virginiana. Pyramidal	1.40
4 to 5 ft.	
Cotoneaster Francheti	1.35
3 to 4 ft.	
Eleagnus Fruitlandi	1.50
3 to 4 ft.	
Egonymus Sieboldi	.90
30 to 36 ins.	
Laurocerasus Caroliniana	1.25
4 to 5 ft.	
Ligustrum Lucidum. Black Wax	1.00
30 to 36 ins.	
Magnolia Grandiflora	1.75
4 to 5 ft.	
Nandina Domestica. Heavy	1.25
3 to 3½ ft.	
Photinia Serrulata	1.75
3 to 3½ ft.	
Pyracantha Lalandi	1.25
4 to 5 ft.	
Cornus Florida. Heavy buds	1.50
4 to 5 ft.	
Shade trees bare-root.	
American Elm, Sycamore, Tulip Poplar, Well branched, shapely, twice transplanted, 2½ to 3-inch caliper, \$3.00 each.	

Many other items and wholesale list on request. F.O.B. Memphis, Tenn.

WALKER NURSERIES
Rt. 5 Memphis 11, Tenn.

SPECIAL OFFER

50,000 LONICERA HALLIANA.
Hall's Honeysuckle, 12 to 18-inch liners, per 1000.....\$4.25

5,000 CORNUS FLORIDA. White-flowering Dogwood, 18 to 24-inch, 2-yr. seedlings, per 1000.....\$12.50

We guarantee the above stock to give satisfaction or your money back.

O. H. PERRY NURSERY CO.
Box 545 McMinnville, Tenn.

CANAERT JUNIPER

Juniperus virginiana canaerti
2 to 3 ft., 3 to 4 ft., 4 to 5 ft., 5 to 6 ft.

which please the eye of the nurserymen and fit the plans of the landscape architects.

Ask for catalogue. It offers forty other commercial Juniper varieties. Many broadleaved also. Carloads and truckloads.

VERHALEN NURSERY COMPANY
Scottsville, Texas
Wholesale Only

**EVERGREENS**

Growers of Quality Evergreens
Lining-out Stock a Specialty
Write for Trade List

EVERGREEN NURSERY CO.
Established 1884 : STURGEON BAY, WIS.

Book orders early.

SPECIMEN EVERGREENS**SNEED NURSERY COMPANY**

P. O. Box 798 Oklahoma City, Okla.

Some Southwestern Natives

By C. W. Wood

I shall attempt now a task—that of giving an account of some southwestern plants—which I have been wanting to undertake for some time, but felt poorly qualified to do. In fact, I wrote to two or three correspondents in that section, asking if they, because they knew their flora far better than I ever hope to, would give American Nurseryman readers their experiences with a list of plants which I had found promising. Modesty or some other subtle factor seems to have stood in the way, however; so I shall have to do my best. There is no other part of continental United States, unless it is the intermountain section between the Rockies and the Sierras, that contains so much good plant material which is unknown to gardeners. If these notes excite a few readers to the point of investigation, that would counterbalance the mistakes which I shall undoubtedly make in setting them down.

It is probably not advisable to devote much space to annuals, because nurserymen as a rule do not give much attention to that class of plants. I am sure, however, that many growers, especially those working on a neighborhood basis, would find it to their advantage to grow some annuals. With that thought in mind, I am opening this series with a few southwestern annuals which I have found sufficiently unusual and meritorious to deserve attention.

Amaranthaceae gives us several worthy annuals, but nothing quite so unusual as the snake cotton, *Froelichia drummondii*, of New Mexico and western Texas. *Froelichia* is a genus of about a dozen species, none of which seems to be in general cultivation, though the books report the Atlantic coast species (Delaware to Florida) as having once been in gardens. I am not sure whether our present plant is a biennial or a winter annual. Here in northern Michigan it did best from early sowings under glass, potted along and transplanted outdoors after settled weather arrived. It would then grow three feet tall (it is said to get five feet high in the south), the wandlike stem, the flowers and the seed capsules being covered with white wool, which makes the plant one of the most unusual bedders that I know. It did best here in light sandy soil in full sun from

early-started plants. In the south it would probably do best from fall-sown seeds.

Cristatella erosa belongs to a family, capparidaceae, which gives us the well known cleome. In *cristatella* we have a quite unusual plant. It would not be called spectacular, to be sure, but it has a pleasingly long blooming period, from June to September, when it produces yellow flowers in terminal bracted racemes, over clumps of sticky, pubescent, palmate leaves, the entire plant, as it grew here, being about fifteen inches tall. I found it well adapted to the sandy soil here, standing the driest situations, if seeds were started early or planted outdoors in late autumn.

At least two annual *gilia*s, *G. incisa* and *G. longiflora*, which have reached me from the southwest, seem worthy of general use where their cultural needs can be supplied. The first, known as false flax in its native section, did best here in shade, among other plants which required an abundance of moisture. There it grew about a foot tall from fall sowing, bearing 5-pointed blue stars with light centers (hence another common name, pheasant's-eye, I suppose), not prodigiously at any time, but continuing through the summer, if not allowed to dry out. It behaved here like a winter annual, doing best from fall sowing. The other, *G. longiflora*, has not done so well here, several times failing to bloom at all. When I obtain seeds again, I shall start them early under glass and give them the moisture they are said to require and I may then get the 5-foot growths talked about in the books and the long-tubed (some authors say more than two inches long) white flowers.

The ground cherries are an interesting lot of plants, mostly Amer-

ican, but rarely, excepting *Physalis alkekengi* and its near relative, *P. francheti*, seen in gardens. The southwestern American and Mexican species, as they have appeared here in a few cases, also deserve the attention of gardeners. Thus *P. angulata* is an attractive thing for a bog or even in standing water, as in a pool. There it will grow two feet or more tall, producing flowers (rather dingy-colored and unattractive) and attractive bright green pods throughout the summer. This is not a spectacular plant, to be sure, but a useful one for bog or pool planting. The genus is quite rich in good perennials, but more of that later.

Where an annual vine is called for, I know of few more satisfactory than the climbing snapdragon, *Antirrhinum maurandioides* (*Maurandia antirrhiniflora*, of some authors). Some call it a perennial, while others say it is an annual; of that I cannot say, because we have to treat it as an annual this far north, starting the seeds into growth under glass and transplanting the seedlings to the open after settled weather arrives. It then makes a growth of about three feet, producing its blue and white snapdragons throughout summer until frost.

I am not sure that *Heterotheca subaxillaris* would make a plant grower any money, because it is so easily handled that all one has to do even this far north is to sow the seeds in spring where the plants are wanted and watch them grow to a height of two feet and cover themselves with little yellow sunflowers all during late summer. An earlier sowing would, of course, make earlier blooming and, consequently, a longer flowering season. It is a good, easily handled composite that should be used more in the north.

SEEDS — All this year's crop

Bartlett and Kieffer Pear, \$3.75 per lb.; \$300.00 per 100 lbs.

Mazzard Cherry, \$2.00 per lb.

Canadian Hemlock, 1943 crop, \$5.00 per lb.

Ask now for my contract prices for Apple, Plum, Cherry, Pear and other seedlings for fall 1944 and/or spring 1945.

J. H. BUSE

Seedling Grower

Leamington, Ont., Canada

LINING-OUT EVERGREENS

Seedlings, assorted varieties and sizes,

Fir Pine
Arborvitae Spruce

Potted Liners, from 2 1/4-inch pots, assorted varieties and sizes:

Arborvitae Juniper

Attractive prices and variety list on application.

Note: On potted liners we offer stock of definite and stated sizes.

Can ship orders promptly.

SHERMAN NURSERY CO.

Charles City, Iowa

SUNRISE Red Raspberry

LINING-OUT STOCK

American Arborvitae
Mugho Pine, compact type
Colorado Blue Spruce

ANDREWS NURSERY

Faribault, Minn.

Northern-grown Stock Specimen Evergreens B&B

Evergreen Liners
Ornamental Shrubs
and Shade Trees

J. V. BAILEY NURSERIES

Dayton's Bluff Station
St. Paul 6, Minn.

JUNIPER SCOPULORUM

From northern Montana,
selected stock.

	Per 1000
12 to 18 ins.....	\$80.00
8 to 10 ins.....	50.00
6 to 8 ins.....	40.00
4 to 6 ins.....	30.00
12 to 18 ins., transplants.....	100.00
8 to 12 ins., transplants.....	80.00

SUMMIT NURSERIES

Stillwater, Minn.

EVERGREENS

Seedlings and Liners
Hardy Northern-grown
Inquiries solicited

C. WILSON'S NURSERY Pombine, Wis.

Although *Melampodium cinereum* is known as a perennial, it acts more or less as an annual here, usually blooming itself to death, or apparently so, by fall. Here we start the seeds into growth indoors in late March to have blooming plants in pots at bedding-out time. It continues to produce its little white zinnia-like flowers until frost. It never grows over six inches tall here, but it may become twice that across by fall. It is a refined little plant in every way, not only for the rock garden, but also for bedding—never unsightly, as some composites are, and attractive throughout the summer.

Because they have recently come into prominence in the north, it is not necessary to take space for *Verbesina encelioides* and *Xanthisma texanum*, except as a matter of record. That leaves us one more annual, *Dyssodia tenuiloba*, to be mentioned in this connection.

The boys in the botany class certainly had a grand time when they really got going in the group of composites which most of us know as *dyssodia*. As a consequence, the plants may be found in floras as *boebera*, *aciphyllacea*, *hymenatherum* and *thymophylla*, in addition to the name used here. They appear to be little known to gardeners, except the one known to them as dogfennel, *D. papposa*, a weed in waste places in some parts of the east. Fourteen kinds are mentioned in the flora of Texas alone, none of which seems to have reached trade channels. Few are known to me, but of that small number one at least, *D. tenuiloba*, stands out as a really important garden plant, whether it be used as a perennial in warmer sections, an annual in the north or a pot plant for window garden decoration anywhere.

Used as an annual here, it is five or six inches high and as much or more across, covering itself with tiny yellow daisies throughout the summer. Perhaps when better understood it may do better. Its possibilities as a pot plant are indicated by the following quotation from "Valuable Plants Native to Texas," by H. B. Parks:

"This plant is almost heathlike and after rains bears an abundance of straight stalks about two inches long, topped by bright yellow daisy-like flowers almost one-half of an inch in diameter. In good soils a single plant will produce a compact mass eight to ten inches in diameter and under optimum conditions will bear at one time 200 to 300 flowers. The plant grows under the most

HOBBS OFFER:

ELM—MOUNTAIN ASH
BIRCH, Cut-leaf Weeping.
WHITE DOGWOOD—GINKGO
NORWAY and SOFT MAPLE
PIN, RED, BUR, WHITE OAK
LOMBARDY POPLAR
SWEET GUM—CRATAEGUS
THURLOW WILLOW—REDBUD
BARBERRY, Green and Red.
BEAUTY BUSH
PRIVET, Amur and Iboia.
EVERGREENS, up to 6 feet.

C. M. Hobbs & Sons, Inc.
BRIDGEPORT INDIANA

Oldest and largest Nursery in Indiana.
Established 1875.

1887

1944

WE OFFER FOR 1944

our usual line of

SHRUBS EVERGREENS
FOREST AND SHADE TREES
VINES AND CREEPERS
NATIVE PLANTS

Write for Trade List

FOREST NURSERY CO., INC.

J. R. Boyd, Pres. McMinnville, Tenn.

Write us for prices on

WHITE-FLOWERING DOGWOOD

5 to 6 ft., 6 to 8 ft., 8 to 10 ft.

SPECIMEN PLANTS

By the carload.

**STORRS & HARRISON
NURSERIES**

Painesville

Ohio

SMALL FRUIT PLANTS

Evergreens—Shrubs
Lining-out Stock

Send for Complete Trade List

W. N. SCARFF'S SONS

New Carlisle, O.

Old English BOXWOOD

(Wholesale Only)

All slow-grown dense specimens. Red clay soil. Priced by height and spread. 18x12 ins. to 24x22 ins. in unlimited quantities. Also large specimens up to 5 ft. Write for price list.

BOXWOOD GARDENS

Mrs. R. P. Royer

High Point, N. C.

We can supply
PINK FLOWERING DOGWOODS
In quantities.
Shall appreciate your want lists.

**SOUTHERN
NURSERY & LANDSCAPE CO.**
Winchester, Tenn.

strenuous conditions. It blooms every month in the year and should be utilized very extensively for rock gardens, border plants or even pots in the house. A single plant of this species grew as a house plant for three years, in Texas, and when sent to New York city it lived throughout the first year, but died the second because of extreme cold."

The notes on southwestern annuals have covered more territory than I originally planned. They have, however, merely scratched the surface of an interesting and useful field of plant material—one which will, when fully explored, enrich our gardens not a little. We shall now turn our attention to a few perennials of more than ordinary value. Some of them may not be easy to find at first, but all should yield to search among Texas, New Mexico and Oklahoma nurserymen.

That section of the country is rich in ornamental members of the lily family. Northern Michigan, where I garden, is a little too far north for most of the plants to do their best, but many perform quite satisfactorily even here and, with a few exceptions, they should do well as far north as the lower Great lakes.

The first of the lily cousins which comes to mind is an onion, *Allium coryi*, from western Texas and New Mexico, I believe. It is one of the better (I might say best) yellow-flowered onions that I know, making a bright splash of color in the late spring landscape, when it opens its large umbels of bright yellow flowers. It did well here for several years on a south slope until it finally left in a cold snowless winter; so I should expect it to be reliable in all except the coldest sections.

The so-called red-flowered yucca, *Hesperaloe parviflora*, is mentioned for trial farther south. It is an unusual plant, attractive for months when flowered here in a tub. Where hardy, it should be a popular plant. At least one of the bunch grasses (not a grass at all, but another interesting manifestation of the lily family), *Nolina texana*—which may not be a nolina at all, for the group is badly confused in gardens and literature—is of more than passing interest. Pink stems arise in spring to the height of a foot or more, bearing small white lilies. It was quite hardy here at the base of the rock garden, where it was protected from north winds and usually had a snow blanket in winter. Several yuccas not now in commerce or, if they are, in limited numbers should be made available to gardeners. Few from the Texas-New Mexico area

have proved hardy here; so I can say little about them. I should like to try again to grow the western dagger, *Y. macrocarpa*, for it could be a most spectacular landscape ornament when it sends up 15-foot to 20-foot stems from its tuft of daggerlike leaves, as it does on the dry plains of western Texas.

The amaryllidaceae of the southwest are generally less hardy than the lily cousins. Some of the bulbous kinds may, however, be stored over winter if handled like gladioli and then become subjects for consideration of commercial growers even in the north. Two genera, *cooperia* and *zephyranthes*, both too well known to need comment, are of that class.

Several years ago, I tried to form a collection of southwestern aristilochias, but because of the tenderness of most of the species, found it a rather thankless task. It would be a pleasure in more temperate sections (from St. Louis southward perhaps), and I suspect that it would be profitable for the commercial grower. For instance, I should like to be able to enjoy the showy white and yellow flowers of *A. hastata* and the swan-shaped flowers of *A. longiflora*, red-brown outside and black-spotted on yellow zones inside. If you live south of the Mason-Dixon line, it would pay you to investigate the Dutchman's-pipes. They come readily from seeds when available.

Not only is the southwest rich in eriogonums, but most of the west holds kinds which should be in our gardens. I have had less experience with the southwestern species, but have seen enough of them to know that we should have them for testing. *E. havardi*, from the dry plains of western Texas, did splendidly

here in the driest part of the garden, where it formed dense mats of foliage, made up of tiny tufts, each tuft producing two or three stems of blush-pink buckwheat flowers in early summer. It and *E. undulatum*, a white woolly plant, beautiful in foliage alone, with satiny white flowers (it is said to vary to yellow) are worthy of space in any garden. There are no doubt other eriogonums from that section which should be made available to gardeners.

[To be continued.]

POSTWAR MARKETS.

[Continued from page 13.]

ways, enterprises that exert a profound influence on our markets. From these opinions, we may obtain the answer to that question: "What does the postwar period hold for the nursery industry?"

Postwar Housing.

Private homes constitute the greatest and most stable over-all outlet for ornamental nursery stock of all types. In our postwar thinking, therefore, it is important that we give consideration to postwar housing. It is also important, in considering housing, to give consideration to both publicly and privately financed housing, to home ownership or rentals and to the anticipated value of new homes that may be constructed. All these factors will have a bearing on this outlet for our commodity.

Housing construction also consti-

MAHONIA AQUIFOLIUM

1-yr. seedlings, 4 to 10 ins., \$20.00 per 1000
2-yr. seedlings, 6 to 12 ins., \$30.00 per 1000
Heavy transplants, 18 to 24 ins., potted, 75c ea.
Heavy transplants, 24 to 30 ins., potted, \$1.00 ea.
For B & B transplants, add 25c each to above.
Liberal count on seedlings if check sent with order.

Mount Vernon Nursery
Mount Vernon, Wash.

Headquarters for . . .

Fruit and Shade trees with vigorous roots and sturdy stems.
Flowering trees, Weeping trees.
Shrubs, Roses, Small fruits.

Catalogue on request

RICH & SONS NURSERY
Route 4 Hillsboro, Oregon

PRONOUNCING DICTIONARY of Plant Names

64 pages, 3000 names, 25c per copy
American Nurseryman Chicago

SPECIMEN AZALEAS

Mollis, salmon to apricot. *Azalea Altacense*, copper to orange. *Rhododendrons*, *Ponticum* and *Catawbiense* Hybrids.

30 to 36 ins.	.....	\$30.00
3 to 4 ft.	.....	40.00
4 to 5 ft.	.....	50.00
5 to 6 ft.	.....	60.00

Add 10 per cent per unit for less than 5 of one variety and size. Packing free. Cash with order.

RICHARD P. RESSEL
Nurseryman Mulino, Ore.

Colorado-Grown CHINESE ELM

Ulmus Pumila, trees and seedlings, all sizes.

SWINK NURSERY
SWINK, COLO.

tutes an excellent postwar endeavor in that it stimulates an industry with wide ramifications and great potentialities for employment. For every hour of labor spent at the construction site, it has been estimated that one and one-half hours of labor are necessary in mills, factories, mines and transportation to produce and transport the finished goods that go into the construction—the lumber, the nails, the plumbing, the electrical system and equipment, the heating system, etc.

That housing will be a boom business in the postwar period is a generally accepted fact. The American Builder, the trade press for the construction industry, for October, 1943, predicts a million homes a year for several years after the war. This figure is probably based upon the survey conducted by the Chamber of Commerce of the United States, which has been widely quoted, of a million homes a year for ten years, before we make up our present deficit and meet the normal demand. The war has reduced private home construction to about one-fourth of normal, and this one-fourth is largely construction of temporary or, at best, semipermanent war housing structures.

The Department of Commerce estimates that this country entered the war with a deficit of a million private dwelling units, that the annual increase in this deficit has been at the rate of at least 500,000, that by 1946 we shall have a deficit of 2,500,000 to 3,000,000 dwelling units. To this figure must be added the potential demand for homes represented by the increased purchasing power of the people.

The Chamber of Commerce estimate of 1,000,000 homes per year for ten years was the result of personal interviews in a spot check of the country of people with incomes of \$4,000 and less. They made no attempt to determine the buying proclivities of that portion of our population with over \$4,000 income per year, which would represent another sizable increment to postwar building activities.

For the purposes of this discussion, we can eliminate consideration of the volume of private dwelling renovations and of expenditures for maintenance and repair. In the aggregate, such expenditures for private dwellings would not represent a sizable increment for nursery stock.

What type of dwelling is to be built, and how much will it cost? These are pertinent considerations.

In the first place, I do not believe there will be any substantial change

PORTLAND WHOLESALE NURSERY CO.

306 S. E. 12th AVENUE Avery H. Steinmetz PORTLAND, OREGON

Quality Stock

CONIFERS AND BROAD-LEAVED
EVERGREENS
SHADE AND FLOWERING TREES
FRUIT TREE SEEDLINGS
FRUIT TREES
DECIDUOUS SHRUBS
VINES AND BULBS
PORTLAND ROSES

SHADE TREES!
A good assortment, 1-yr.
whips to 3-yr. branched.
Finest Quality — Prices Reasonable.
Carload shipments early spring.
Our new catalog is now ready.

Write for our Catalog

A. MCGILL & SON

FAIRVIEW, OREGON

Wholesale Only

GOOD WESTERN-GROWN NURSERY STOCK

Fruit Tree Seedlings
Flowering Ornamental Trees
Shade Trees

Grown right and packed right.
Combination carloads to Eastern
distributing points will save you
on freight.

OREGON-GROWN NURSERY STOCK

We have a complete line of shade and
flowering trees, both whips and heavier
branched stock.

Weeping and Upright Flowering
Cherries, Flowering Crabs,
Plums and Locusts, Norway,
Schwedler, and Wiers Maples,
Laburnum vossii—Oaks—Chinese
Elm—Mountain Ash—Birch—
Hawthorns.

DOTY & DOERNER, INC.
6691 S. W. Capitol Highway
PORTLAND 1, OREGON

NOTICE

Decreased production makes it impos-
sible to book orders for new customers.
For the duration the limited supply is
reserved for our regular trade.

HOWARD ROSE CO.
Hemet, California

in exterior designs, in spite of the modernized tendency of interior design. The average American homeowner is a conservative individual and will develop a sizable volume of sales resistance to anything extreme

MILTON NURSERY CO.

A. Miller & Sons, Incorporators

MILTON—Since 1878—OREGON

OUR SPECIALTIES

Birches—Flowering Cherries, Crabs and
Plums—Chinese Elm—Hawthorns—Li-
lacs—Lindens—Flowering and Globe
Locusts—Columnar, Globe, Norway and
Schwedler Maples—Mountain Ash—Ore-
gon Grape—Oriental Plane—Willows.

**SEND US YOUR WANT LIST
FOR QUOTATIONS**

Combination Carloads to Eastern dis-
tributing points at minimum freight
cost.

AS ALWAYS— OREGON'S BEST SOURCE of GOOD ROSES

But we are entirely sold
out of roses for this sea-
son, and we will have a
very small crop next year.

PETERSON & DERING, INC.
Wholesale Rose Growers
Scappoose, Oregon

PACIFIC COAST NURSERY

2244 N. Skidmore Court
Portland 11, Oregon

Our seedlings are all sold for this sea-
son's delivery except some No. 2 and 3
apple; but if you want to be protected
for your seedlings for fall of 1944, please
send your order now so that we will
know just how to make our planting to
protect our customers. Prices will be in
line with the other seedling growers
that are set next July. We have Norway
and Schwedler Maples, Cut L. W. Birch,
European W. Birch, Chinese Elm and
Paul's S. Hawthorn. Nice trees in one
and two-year-olds, for this winter's de-
livery. Please let us hear from you.
Your old friend,
John Holmason

in the exterior design of his home. Prefabricated houses will be of more importance than in the prewar period, but again they will be of standard design.

The Department of Commerce estimates from its data that the 4,500,000 homes which it considers will be needed immediately after the war will be divided as follows: 3,000,000 single family dwelling units; 1,000,000 two-family units, and 500,000 multifamily units. There has been a trend in the recent decade toward multifamily dwelling units, and this trend is expected to continue. The decline in single family units has been most pronounced in the south and the west—least evident in the east.

The average unit cost of the 715,000 dwellings built in 1941 was \$3,980. It might be assumed that the postwar dwelling would average about the same figure. However, it must be recognized that the American people have as liquid assets the greatest volume of purchasing power ever in their hands—exceeding the

national income of a few years ago—and it must also be recognized that material and labor costs have advanced considerably during the past two years and will not again drop to the prewar level—at least, not for several years. Consequently, it should be safe to assume that the postwar dwelling unit will be considerably above the prewar level of \$3,980.

I think the Chamber of Commerce data are indicative of the cost of construction contemplated. As a result of its personal interviews, it was indicated that 1,540,000 families intend to build or buy a new home within six months after the war is over, representing a total expenditure of over \$7,000,000,000. Remember that the chamber interviewed no one with an income of over \$4,000 per year. Here is how they divided: Twenty-three per cent said they will spend \$3,000 or less; twenty-seven per cent said they will spend \$3,001 to \$5,000; eighteen per cent said they will spend \$5,001 to \$10,000; twelve per cent said they will spend over \$10,000, and twenty per cent did not know how much they would spend.

The eighty per cent who did express themselves as to the costs of their contemplated new home average a cost of \$4,260 per unit.

The financing of this postwar private dwelling construction is also an important consideration to us. There are those who feel that the government should continue in the postwar home construction field. There are those who sincerely feel that the government should step out and leave the field to private enterprise. Both groups are probably correct, and both private and public capital will be available and used to finance this construction.

On the side of private enterprise, it is recognized that basic financing of new homes has up to recent years been done with the savings of the people which represent long-term investment money. The people have these savings today. If a million homes a year are built, it is known from past experience that 750,000 of them will need long-term mortgage financing. The 5,000 savings and loan associations will be prepared to provide one-half to two-thirds of this credit. The mortgage companies, commercial banks and individuals will provide more. We are in an era of low cost money, which will tend to reduce interest charges. The loan and mortgage companies have been taught by federal housing that longer amortization periods are

necessary than formerly to assure the mortgagee his home ownership program. Adjustments in private financing will surely be made.

On the other hand, we are confronted with large blighted areas in most of our cities—areas that depress real estate values, encourage slums and breed delinquency. This problem is too large for private capital to tackle, and here is where the separation between private and public financing will probably come in the postwar era. Public moneys will

COTTONETTE Nursery Squares
GIBRALTAR Frost Covers
HORTICULTURAL PEAT MOSS in bales
LIVE SPHAGNUM MOSS in large bags
RAFFIA for budding, etc.
BURLA-MATS

Write for prices stating your requirements.

NEW AMSTERDAM CO.
122 Chambers St., New York 7, N. Y.
We serve leading Growers

ARIENS-Tiller



THE MOST COMPLETE LINE OF TILLAGE EQUIPMENT IN THE WORLD. CAPACITIES 14 IN. TO 7 FT CUTTING WIDTHS

ARIENS CO.
Box 710 BRILLION, WIS.

WANTED — DISTRIBUTORS

To handle
NEW METAL WHEELBARROWS
BERGEN FLORIST SUPPLIES
247-253 Hudson St. Hackensack, N. J.

KATFISH BRAND **SPRAY HOSE** **HIGH PRESSURE**

ALL SIZES
High-Pressure Couplings
LOW PRICES, PROMPT SERVICE
Write for free sample
BROADWAY RUBBER MFG. CO.
Everything in Rubber Since 1901
529 East Broadway, Louisville, Ky.

Send For BLUE BOOK

Tools and All Supplies for
Nurserymen and Tree Surgeons
AMERICAN FLORIST SUPPLY CO.
1535 W. Randolph St. CHICAGO 7

WANT ADS

Help and Situation Wanted
and For Sale advertisements.

Display: \$2.50 per inch, each insertion.
Lines: 20¢ line; Minimum order \$1.00.

SITUATION WANTED

Man, age 50, good executive; experience covers 30 years; wholesale, selling by salesman and mail order catalogue business and on the road; also capable of handling the advertising and publicity of catalogues; available February 1. Address No. 282, care American Nurseryman, 343 S. Dearborn St., Chicago 4, Ill.

WANTED

Draft exempt family man; will give one-half interest to a practical nurseryman to take full charge; living quarters furnished free; school bus stops at door.

Address No. 285, care American Nurseryman, 343 S. Dearborn St., Chicago 4, Ill.

WANTED—Stark or Bragg tree digger. Please state price and condition of same. M. L. Tiffin, State Nursery Co., Rimini Route, Helena, Mont.

HELP WANTED—Manager for medium-size nursery: fine suburban town area, near Chicago; experienced in selling and propagating nursery stock and perennials; unusual opportunity for clean cut, capable and dependable man; excellent future. Address No. 283, care American Nurseryman, 343 S. Dearborn St., Chicago 4, Ill.

HELP WANTED—Experienced landscape salesman for one of New England's most up-to-date and progressive nurseries; must be able to draw plans and execute large contracts; only man desiring permanent position will be considered. Millane Nurseries & Tree Experts, Inc., Cromwell, Conn.

HELP WANTED—Landscape nursery foreman for year around job; one having experience in big tree moving and general landscape work. Millane Nurseries & Tree Experts, Inc., Cromwell, Conn.

HELP WANTED—Experienced nursery worker; excellent wages; year around steady work for the duration and after the war. Write or call R. K. Ribsam Nurseries, Inc., P. O. Box 100, Trenton 1, N. J.

SITUATION WANTED—Nursery manager; elderly; energetic; adaptable; fitted by training, thorough intimate knowledge, diversified broad experience gained in large, well known, progressive nurseries, New York area and abroad in improved methods of propagation, high quality and quantity production; exceptionally well versed covering all phases of nursery practice; systematic foresighted planning; sales ability; trained and skilled at all landscape work; efficient, intelligent handling of men; seeks position with reputable, progressive firm. Address No. 284, care American Nurseryman, 343 S. Dearborn St., Chicago 4, Ill.

FOR SALE—One of the best established nurseries near Los Angeles, Cal., on corner of two large boulevards, including acreage planted to ornamental and shade trees; heavily stocked main nursery; heavily stocked leased land; residence, truck, property and all equipment, in the fastest growing district of the west, \$35,000. Property alone is very valuable. A postwar opportunity. Address No. 286, c/o American Nurseryman, 343 S. Dearborn St., Chicago.

CLASSIFIED ADS

Five lines, \$1.00,
each additional line, 20 cents,
per insertion.

Let these little liners move
your stock easily and cheaply.

BERRY PLANTS

BLACKBERRIES

Eldorado Blackberry plants, strong roots, will bear fruit this season. \$1.50 per 100; \$12.00 per 1000.

MRS. CHARLIE ROBINSON, Greenville, Ga.

STRAWBERRIES

Native Strawberries, strong, 2-yr. plants. Will bear large luscious fruit next season. \$1.50 per 100; \$12.00 per 1000.

MRS. CHARLIE ROBINSON, Greenville, Ga.

EVERGREENS—Specimen

RHODODENDRON HYBRIDS

12 to 15 ins. \$1.50 2 1/2 to 3 ft. \$4.00
15 to 18 ins. 1.75 3 to 4 ft. 5.00
1 1/2 to 2 ft. 2.50 4 to 5 ft. 7.50
2 to 2 1/2 ft. 3.00 5 to 6 ft. 12.50

BAGATELLE NURSERY,
Huntington Station, L. I., N. Y.

EVERGREENS—Lining-out

NURSERY STOCK

Priced per 100	6 to 8 ins.	8 to 12 ins.	12 to 18 ins.
Berberis Atropurpurea	5.00	6.00	8.00
Buxus Japonica	7.00	8.00	10.00
Camellia Sasanqua	12.50	15.00	20.00
Elaeagnus Pungens	7.00	8.00	10.00
Punegus Fruitlandi	7.00	8.00	10.00
Aureo-maculata	10.00	12.50	15.00
Ilex C. Bullata	8.00	10.00	12.50
C. Microphylla	8.00	10.00	12.50
Jasminum Floridum	8.00	10.00	12.50
Primulinum	8.00	10.00	12.50
Laurocerasus (Cherry Laurel)	5.00	8.00	10.00
Ligustrum Coriaceum	7.00	8.00	12.00
Lucidum	8.00	10.00	12.00
Magnolia Punctata	8.00	12.50	15.00
(Banana Shrub)	8.00	12.50	15.00
Glaucia	8.00	10.00	12.50
Mahonia Bealei	8.00	10.00	12.50
Fortunei	8.00	10.00	15.00
Osmanthus Fragrans	8.00	10.00	12.50
(Sweet Olive)	8.00	10.00	12.50
Fragrans Aurea	8.00	10.00	12.50
Juniperus C. Sylvestris	10.00	12.50	15.00
C. Pfitzeriana	10.00	12.50	15.00
Podocarpus Chinensis	6.00	8.00	10.00
Retinospora Ericoides	6.00	8.00	10.00
Squarrosa Veitchii	6.00	8.00	10.00

SEMI-SEMI NURSERY STOCK

(Formerly Kiyono Nurseries)
Crichton, Ala.

Nandina, Japanese Yew, per 100, 4 to 6 ins., \$5.00; 8 to 10 ins., \$8.00; 12 to 15 ins., \$10.00; 18 to 24 ins., \$15.00; 30 to 36 ins., \$20.00; 42 to 48 ins., \$25.00; 54 to 60 ins., \$30.00; 66 to 72 ins., \$35.00; 78 to 84 ins., \$40.00; 90 to 96 ins., \$45.00; 102 to 108 ins., \$50.00; 114 to 120 ins., \$55.00; 126 to 132 ins., \$60.00; 138 to 144 ins., \$65.00; 150 to 156 ins., \$70.00; 162 to 168 ins., \$75.00; 174 to 180 ins., \$80.00; 186 to 192 ins., \$85.00; 198 to 204 ins., \$90.00; 210 to 216 ins., \$95.00; 222 to 228 ins., \$100.00; 234 to 240 ins., \$105.00; 246 to 252 ins., \$110.00; 258 to 264 ins., \$115.00; 270 to 276 ins., \$120.00; 282 to 288 ins., \$125.00; 294 to 300 ins., \$130.00; 306 to 312 ins., \$135.00; 318 to 324 ins., \$140.00; 330 to 336 ins., \$145.00; 342 to 348 ins., \$150.00; 354 to 360 ins., \$155.00; 366 to 372 ins., \$160.00; 378 to 384 ins., \$165.00; 390 to 396 ins., \$170.00; 402 to 408 ins., \$175.00; 414 to 420 ins., \$180.00; 426 to 432 ins., \$185.00; 438 to 444 ins., \$190.00; 450 to 456 ins., \$195.00; 462 to 468 ins., \$200.00; 474 to 480 ins., \$205.00; 486 to 492 ins., \$210.00; 498 to 504 ins., \$215.00; 510 to 516 ins., \$220.00; 522 to 528 ins., \$225.00; 534 to 540 ins., \$230.00; 546 to 552 ins., \$235.00; 558 to 564 ins., \$240.00; 570 to 576 ins., \$245.00; 582 to 588 ins., \$250.00; 594 to 600 ins., \$255.00; 606 to 612 ins., \$260.00; 618 to 624 ins., \$265.00; 630 to 636 ins., \$270.00; 642 to 648 ins., \$275.00; 654 to 660 ins., \$280.00; 666 to 672 ins., \$285.00; 678 to 684 ins., \$290.00; 690 to 696 ins., \$295.00; 702 to 708 ins., \$300.00; 714 to 720 ins., \$305.00; 726 to 732 ins., \$310.00; 738 to 744 ins., \$315.00; 750 to 756 ins., \$320.00; 762 to 768 ins., \$325.00; 774 to 780 ins., \$330.00; 786 to 792 ins., \$335.00; 798 to 804 ins., \$340.00; 810 to 816 ins., \$345.00; 822 to 828 ins., \$350.00; 834 to 840 ins., \$355.00; 846 to 852 ins., \$360.00; 858 to 864 ins., \$365.00; 870 to 876 ins., \$370.00; 882 to 888 ins., \$375.00; 894 to 900 ins., \$380.00; 906 to 912 ins., \$385.00; 918 to 924 ins., \$390.00; 930 to 936 ins., \$395.00; 942 to 948 ins., \$400.00; 954 to 960 ins., \$405.00; 966 to 972 ins., \$410.00; 978 to 984 ins., \$415.00; 990 to 996 ins., \$420.00; 1002 to 1008 ins., \$425.00; 1014 to 1020 ins., \$430.00; 1026 to 1032 ins., \$435.00; 1038 to 1044 ins., \$440.00; 1050 to 1056 ins., \$445.00; 1062 to 1068 ins., \$450.00; 1074 to 1080 ins., \$455.00; 1086 to 1092 ins., \$460.00; 1098 to 1104 ins., \$465.00; 1110 to 1116 ins., \$470.00; 1122 to 1128 ins., \$475.00; 1134 to 1140 ins., \$480.00; 1146 to 1152 ins., \$485.00; 1158 to 1164 ins., \$490.00; 1170 to 1176 ins., \$495.00; 1182 to 1188 ins., \$500.00; 1194 to 1200 ins., \$505.00; 1206 to 1212 ins., \$510.00; 1218 to 1224 ins., \$515.00; 1230 to 1236 ins., \$520.00; 1242 to 1248 ins., \$525.00; 1254 to 1260 ins., \$530.00; 1266 to 1272 ins., \$535.00; 1278 to 1284 ins., \$540.00; 1290 to 1296 ins., \$545.00; 1302 to 1308 ins., \$550.00; 1314 to 1320 ins., \$555.00; 1326 to 1332 ins., \$560.00; 1338 to 1344 ins., \$565.00; 1350 to 1356 ins., \$570.00; 1362 to 1368 ins., \$575.00; 1374 to 1380 ins., \$580.00; 1386 to 1392 ins., \$585.00; 1398 to 1404 ins., \$590.00; 1410 to 1416 ins., \$595.00; 1422 to 1428 ins., \$600.00; 1434 to 1440 ins., \$605.00; 1446 to 1452 ins., \$610.00; 1458 to 1464 ins., \$615.00; 1470 to 1476 ins., \$620.00; 1482 to 1488 ins., \$625.00; 1494 to 1500 ins., \$630.00; 1506 to 1512 ins., \$635.00; 1518 to 1524 ins., \$640.00; 1530 to 1536 ins., \$645.00; 1542 to 1548 ins., \$650.00; 1554 to 1560 ins., \$655.00; 1566 to 1572 ins., \$660.00; 1578 to 1584 ins., \$665.00; 1590 to 1596 ins., \$670.00; 1602 to 1608 ins., \$675.00; 1614 to 1620 ins., \$680.00; 1626 to 1632 ins., \$685.00; 1638 to 1644 ins., \$690.00; 1650 to 1656 ins., \$695.00; 1662 to 1668 ins., \$700.00; 1674 to 1680 ins., \$705.00; 1686 to 1692 ins., \$710.00; 1698 to 1704 ins., \$715.00; 1710 to 1716 ins., \$720.00; 1722 to 1728 ins., \$725.00; 1734 to 1740 ins., \$730.00; 1746 to 1752 ins., \$735.00; 1758 to 1764 ins., \$740.00; 1770 to 1776 ins., \$745.00; 1782 to 1788 ins., \$750.00; 1794 to 1800 ins., \$755.00; 1806 to 1812 ins., \$760.00; 1818 to 1824 ins., \$765.00; 1830 to 1836 ins., \$770.00; 1842 to 1848 ins., \$775.00; 1854 to 1860 ins., \$780.00; 1866 to 1872 ins., \$785.00; 1878 to 1884 ins., \$790.00; 1890 to 1896 ins., \$795.00; 1902 to 1908 ins., \$800.00; 1914 to 1920 ins., \$805.00; 1926 to 1932 ins., \$810.00; 1938 to 1944 ins., \$815.00; 1950 to 1956 ins., \$820.00; 1962 to 1968 ins., \$825.00; 1974 to 1980 ins., \$830.00; 1986 to 1992 ins., \$835.00; 1998 to 2004 ins., \$840.00; 2010 to 2016 ins., \$845.00; 2022 to 2028 ins., \$850.00; 2034 to 2040 ins., \$855.00; 2046 to 2052 ins., \$860.00; 2058 to 2064 ins., \$865.00; 2070 to 2076 ins., \$870.00; 2082 to 2088 ins., \$875.00; 2094 to 2100 ins., \$880.00; 2106 to 2112 ins., \$885.00; 2118 to 2124 ins., \$890.00; 2130 to 2136 ins., \$895.00; 2142 to 2148 ins., \$900.00; 2154 to 2160 ins., \$905.00; 2166 to 2172 ins., \$910.00; 2178 to 2184 ins., \$915.00; 2190 to 2196 ins., \$920.00; 2202 to 2208 ins., \$925.00; 2214 to 2220 ins., \$930.00; 2226 to 2232 ins., \$935.00; 2238 to 2244 ins., \$940.00; 2250 to 2256 ins., \$945.00; 2262 to 2268 ins., \$950.00; 2274 to 2280 ins., \$955.00; 2286 to 2292 ins., \$960.00; 2298 to 2304 ins., \$965.00; 2310 to 2316 ins., \$970.00; 2322 to 2328 ins., \$975.00; 2334 to 2340 ins., \$980.00; 2346 to 2352 ins., \$985.00; 2358 to 2364 ins., \$990.00; 2370 to 2376 ins., \$995.00; 2382 to 2388 ins., \$1000.00; 2394 to 2400 ins., \$1005.00; 2406 to 2412 ins., \$1010.00; 2418 to 2424 ins., \$1015.00; 2430 to 2436 ins., \$1020.00; 2442 to 2448 ins., \$1025.00; 2454 to 2460 ins., \$1030.00; 2466 to 2472 ins., \$1035.00; 2478 to 2484 ins., \$1040.00; 2490 to 2496 ins., \$1045.00; 2502 to 2508 ins., \$1050.00; 2514 to 2520 ins., \$1055.00; 2526 to 2532 ins., \$1060.00; 2538 to 2544 ins., \$1065.00; 2550 to 2556 ins., \$1070.00; 2562 to 2568 ins., \$1075.00; 2574 to 2580 ins., \$1080.00; 2586 to 2592 ins., \$1085.00; 2598 to 2604 ins., \$1090.00; 2610 to 2616 ins., \$1095.00; 2622 to 2628 ins., \$1100.00; 2634 to 2640 ins., \$1105.00; 2646 to 2652 ins., \$1110.00; 2658 to 2664 ins., \$1115.00; 2670 to 2676 ins., \$1120.00; 2682 to 2688 ins., \$1125.00; 2694 to 2700 ins., \$1130.00; 2706 to 2712 ins., \$1135.00; 2718 to 2724 ins., \$1140.00; 2730 to 2736 ins., \$1145.00; 2742 to 2748 ins., \$1150.00; 2754 to 2760 ins., \$1155.00; 2766 to 2772 ins., \$1160.00; 2778 to 2784 ins., \$1165.00; 2790 to 2796 ins., \$1170.00; 2802 to 2808 ins., \$1175.00; 2814 to 2820 ins., \$1180.00; 2826 to 2832 ins., \$1185.00; 2838 to 2844 ins., \$1190.00; 2850 to 2856 ins., \$1195.00; 2862 to 2868 ins., \$1200.00; 2874 to 2880 ins., \$1205.00; 2886 to 2892 ins., \$1210.00; 2898 to 2904 ins., \$1215.00; 2910 to 2916 ins., \$1220.00; 2922 to 2928 ins., \$1225.00; 2934 to 2940 ins., \$1230.00; 2946 to 2952 ins., \$1235.00; 2958 to 2964 ins., \$1240.00; 2970 to 2976 ins., \$1245.00; 2982 to 2988 ins., \$1250.00; 2994 to 3000 ins., \$1255.00; 3006 to 3012 ins., \$1260.00; 3018 to 3024 ins., \$1265.00; 3030 to 3036 ins., \$1270.00; 3042 to 3048 ins., \$1275.00; 3054 to 3060 ins., \$1280.00; 3066 to 3072 ins., \$1285.00; 3078 to 3084 ins., \$1290.00; 3090 to 3096 ins., \$1295.00; 3102 to 3108 ins., \$1300.00; 3114 to 3120 ins., \$1305.00; 3126 to 3132 ins., \$1310.00; 3138 to 3144 ins., \$1315.00; 3150 to 3156 ins., \$1320.00; 3162 to 3168 ins., \$1325.00; 3174 to 3180 ins., \$1330.00; 3186 to 3192 ins., \$1335.00; 3198 to 3204 ins., \$1340.00; 3210 to 3216 ins., \$1345.00; 3222 to 3228 ins., \$1350.00; 3234 to 3240 ins., \$1355.00; 3246 to 3252 ins., \$1360.00; 3258 to 3264 ins., \$1365.00; 3270 to 3276 ins., \$1370.00; 3282 to 3288 ins., \$1375.00; 3294 to 3300 ins., \$1380.00; 3306 to 3312 ins., \$1385.00; 3318 to 3324 ins., \$1390.00; 3330 to 3336 ins., \$1395.00; 3342 to 3348 ins., \$1400.00; 3354 to 3360 ins., \$1405.00; 3366 to 3372 ins., \$1410.00; 3378 to 3384 ins., \$1415.00; 3390 to 3396 ins., \$1420.00; 3402 to 3408 ins., \$1425.00; 3414 to 3420 ins., \$1430.00; 3426 to 3432 ins., \$1435.00; 3438 to 3444 ins., \$1440.00; 3450 to 3456 ins., \$1445.00; 3462 to 3468 ins., \$1450.00; 3474 to 3480 ins., \$1455.00; 3486 to 3492 ins., \$1460.00; 3498 to 3504 ins., \$1465.00; 3510 to 3516 ins., \$1470.00; 3522 to 3528 ins., \$1475.00; 3534 to 3540 ins., \$1480.00; 3546 to 3552 ins., \$1485.00; 3558 to 3564 ins., \$1490.00; 3570 to 3576 ins., \$1495.00; 3582 to 3588 ins., \$1500.00; 3594 to 3600 ins., \$1505.00; 3606 to 3612 ins., \$1510.00; 3618 to 3624 ins., \$1515.00; 3630 to 3636 ins., \$1520.00; 3642 to 3648 ins., \$1525.00; 3654 to 3660 ins., \$1530.00; 3666 to 3672 ins., \$1535.00; 3678 to 3684 ins., \$1540.00; 3690 to 3696 ins., \$1545.00; 3702 to 3708 ins., \$1550.00; 3714 to 3720 ins., \$1555.00; 3726 to 3732 ins., \$1560.00; 3738 to 3744 ins., \$1565.00; 3750 to 3756 ins., \$1570.00; 3762 to 3768 ins., \$1575.00; 3774 to 3780 ins., \$1580.00; 3786 to 3792 ins., \$1585.00; 3798 to 3804 ins., \$1590.00; 3810 to 3816 ins., \$1595.00; 3822 to 3828 ins., \$1600.00; 3834 to 3840 ins., \$1605.00; 3846 to 3852 ins., \$1610.00; 3858 to 3864 ins., \$1615.00; 3870 to 3876 ins., \$1620.00; 3882 to 3888 ins., \$1625.00; 3894 to 3900 ins., \$1630.00; 3906 to 3912 ins., \$1635.00; 3918 to 3924 ins., \$1640.00; 3930 to 3936 ins., \$1645.00; 3942 to 3948 ins., \$1650.00; 3954 to 3960 ins., \$1655.00; 3966 to 3972 ins., \$1660.00; 3978 to 3984 ins., \$1665.00; 3990 to 3996 ins., \$1670.00; 4002 to 4008 ins., \$1675.00; 4014 to 4020 ins., \$1680.00; 4026 to 4032 ins., \$1685.00; 4038 to 4044 ins., \$1690.00; 4050 to 4056 ins., \$1695.00; 4062 to 4068 ins., \$1700.00; 4074 to 4080 ins., \$1705.00; 4086 to 4092 ins., \$1710.00; 4098 to 4104 ins., \$1715.00; 4110 to 4116 ins., \$1720.00; 4122 to 4128 ins., \$1725.00; 4134 to 4140 ins., \$1730.00; 4146 to 4152 ins., \$1735.00; 4158 to 4164 ins., \$1740.00; 4170 to 4176 ins., \$1745.00; 4182 to 4188 ins., \$1750.00; 4194 to 4200 ins., \$1755.00; 4206 to 4212 ins., \$1760.00; 4218 to 4224 ins., \$1765.00; 4230 to 4236 ins., \$1770.00; 4242 to 4248 ins., \$1775.00; 4254 to 4260 ins., \$1780.00; 4266 to 4272 ins., \$1785.00; 4278 to 4284 ins., \$1790.00; 4290 to 4296 ins., \$1795.00; 4302 to 4308 ins., \$1800.00; 4314 to 4320 ins., \$1805.00; 4326 to 4332 ins., \$1810.00; 4338 to 4344 ins., \$1815.00; 4350 to 4356 ins., \$1820.00; 4362 to 4368 ins., \$1825.00; 4374 to 4380 ins., \$1830.00; 4386 to 4392 ins., \$1835.00; 4398 to 4404 ins., \$1840.00; 4410 to 4416 ins., \$1845.00; 4422 to 4428 ins., \$1850.00; 4434 to 4440 ins., \$1855.00; 4446 to 4452 ins., \$1860.00; 4458 to 4464 ins., \$1865.00; 4470 to 4476 ins., \$1870.00; 4482 to 4488 ins., \$1875.00; 4494 to 4500 ins., \$1880.00; 4506 to 4512 ins., \$1885.00; 4518 to 4524 ins., \$1890.00; 4530 to 4536 ins., \$1895.00; 4542 to 4548 ins., \$1900.00; 4554 to 4560 ins., \$1905.00; 4566 to 4572 ins., \$1910.00; 4578 to 4584 ins., \$1915.00; 4590 to 4596 ins., \$1920.00; 4602 to 4608 ins., \$1925.00; 4614 to 4620 ins., \$1930.00; 4626 to 4632 ins., \$1935.00; 4638 to 4644 ins., \$1940.00; 4650 to 4656 ins., \$1945.00; 4662 to 4668 ins., \$1950.00; 4674 to 4680 ins., \$1955.00; 4686 to 4692 ins., \$1960.00; 4698 to 4704 ins., \$1965.00; 4710 to 4716 ins., \$1970.00; 4722 to 4728 ins., \$1975.00; 4734 to 4740 ins., \$1980.00; 4746 to 4752 ins., \$1985.00; 4758 to 4764 ins., \$1990.00; 4770 to 4776 ins., \$1995.00; 4782 to 4788 ins., \$2000.00; 4794 to 4800 ins., \$2005.00; 4806 to 4812 ins., \$2010.00; 4818 to 4824 ins., \$2015.00; 4830 to 4836 ins., \$2020.00; 4842 to 4848 ins., \$2025.00; 4854 to 4860 ins., \$2030.00; 4866 to 4872 ins., \$2035.00; 4878 to 4884 ins., \$2040.00; 4890 to 4896 ins., \$2045.00; 4902 to 4908 ins., \$2050.00; 4914 to 4920 ins., \$2055.00; 4926 to 4932 ins., \$2060.00; 4938 to 4944 ins., \$2065.00; 4950 to 4956 ins., \$2070.00; 4962 to 4968 ins., \$2075.00; 4974 to 4980 ins., \$2080.00; 4986 to 4992 ins., \$2085.00; 4998 to 5004 ins., \$2090.00; 5010 to 5016 ins., \$2095.00; 5022 to 5028 ins., \$2100.00; 5034 to 5040 ins., \$2105.00; 5046 to 5052 ins., \$2110.00; 5058 to 5064 ins., \$2115.00; 5070 to 5076 ins., \$2120.00; 5082 to 5088 ins., \$2125.00; 5094 to 5100 ins., \$2130.00; 5106 to 5112 ins., \$2135.00; 5118 to 5124 ins., \$2140.00; 5130 to 5136 ins., \$2145.00; 5142 to 5148 ins., \$2150.00; 5154 to 5160 ins., \$2155.00; 5166 to 5172 ins., \$2160.00; 5178 to 5184 ins., \$2165.00; 5190 to 5196 ins., \$2170.00; 5202 to 5208 ins., \$2175.00; 5214 to 5220 ins., \$2180.00; 5226 to 5232 ins., \$2185.00; 5238 to 5244 ins., \$2190.00; 5250 to 5256 ins., \$2195.00; 5262 to 5268 ins., \$2200.00; 5274 to 5280 ins., \$2205.00; 5286 to 5292 ins., \$2210.00; 5298 to 5304 ins., \$2215.00; 5310 to 5316 ins., \$2220.00; 5322 to 5328 ins., \$2225.00; 5334 to 5340 ins., \$2230.00; 5346 to 5352 ins., \$2235.00; 5358 to 5364 ins., \$2240.00; 5370 to 5376 ins., \$2245.00; 5382 to 5388 ins., \$2250.00; 5394 to 5400 ins., \$2255.00; 5406 to 5412 ins., \$2260.00; 5418 to 5424 ins., \$2265.00; 5430 to 5436 ins., \$2270.00; 5442 to 5448 ins., \$2275.00; 5454 to 5460 ins., \$2280.00; 5466 to 5472 ins., \$2285.00; 5478 to 5484 ins., \$2290.00; 5490 to 5496 ins., \$2295.00; 5502 to 5508 ins., \$2300.00; 5514 to 5520 ins., \$2305.00; 5526 to 5532 ins., \$2310.00; 5538 to 5544 ins., \$2315.00; 5550 to 5556 ins., \$2320.00

BOOKS

for Nurserymen

Book A. Illustrates in full color 235 standard nursery items, brief description, substantially bound. Price in small lots, 75c each.

Descriptive Nursery Catalogue

Nicely illustrated, 48 pages and cover. 18c each in small lots.

Correct Planting Methods

A pocket-size 48-page booklet. Very complete but concise information, well illustrated. Helpful in preventing claims for dead stock that cost nurserymen money. Sample, 10c. Write for discounts on quantities.

Will send sample copy of each of the above on receipt of \$1.00. Cash with order.

Made to Order

Catalogues, Folders, etc., with illustrations in full color or one color. Thousands of engravings available. Send your specifications or samples for estimate and suggestions.

A. B. MORSE COMPANY
ST. JOSEPH, MICHIGAN

WOOD LABELS

For Nurserymen

**DAYTON
FRUIT TREE LABEL
CO.**

Ray and Kiser Sts. DAYTON, O.

LABELS FOR NURSERYMEN

**THE
BENJAMIN CHASE
COMPANY**
DERRY, N. H.

Write for FREE Catalog!



Nursery Spades, Knives and Pruning Shears, Budding and Grafting Supplies, Tree Surgery and Lawn Equipment.

96 page catalogue free—write,
A. M. LEONARD & SON
Piqua, Ohio

be available through the Federal Public Housing Authority for the reconstruction of these areas; private funds will be available to care for the individual, the two-family and multifamily units, plus some Federal Housing Authority long-term financing.

The insurance companies are planning to play a part in this postwar housing problem. I have been advised that adjacent to those cities with an acute housing problem, these insurance companies plan to construct suburban communities, at the rate of 350,000 dwelling units per year. It is to be hoped and is expected that these model communities will be site-planned in advance and landscaped as a unit as well as having each home landscaped individually as a part of the general scheme.

The handling of federal public housing construction will proceed much as formerly. In some regions, the landscape contract is pretty generally a separate contract, so that you as the supplier of plant materials are the prime contractor. In other regions, the landscaping contract is almost always made a part of the general contract, with its attendant disadvantages.

The Federal Public Housing Authority has submitted to your Washington office lists of plant materials, by regions, which in the members' judgment are likely to be in demand for postwar housing. Their judgment should be good, since the lists were prepared in the regional offices which ultimately will be the specifying and procuring offices. These lists are not complete lists of everything that will be specified, but are lists of the items most generally used in quantity. Already shortages of nursery stock are reported by regional directors of FPHA, and this situation cannot be corrected overnight.

Everything points to a postwar housing boom—an extreme and acute shortage, with available financing through individual savings, capital in savings and loan associations and public funds through the Federal Public Housing Authority. Stimulation of postwar construction both residential and industrial will be fostered because of the employment possibilities involved. We have the need, the capital, the labor and the raw materials. Quantities of fabricated housing items will be exported for the rehabilitation of foreign countries, but this export market should not hamper to any great degree our domestic residential construction program.

[To be continued.]

WHY NOT TRY OUR SUBSTITUTE FOR BURLAP SQUARES, WHICH IS EXCELLENT?

Now Selling for Prompt
And Spring Delivery.

Samples and Prices Gladly
Furnished upon Request.

AMERICAN-NATIONAL BAG & BURLAP CO.
INCORPORATED
343 KENT AVE. BROOKLYN, N. Y.

RAFFIA

FOR BUDDING and TYING

We can offer for Immediate shipment
CONGO RAFFIA

Send for Prices,

Thomas B. Meehan Co.
Dresher, Pa.

GENUINE MOSS PEAT

Hydraulic pressed bales and smaller resale packages. Sphagnum Moss, Cultivated Peat Humus.

Shipped from Northern plant at Floodwood, Minn., and Hanlontown, Iowa. Annual capacity 1,000 carloads.

Now booking for present
and future deliveries.

Write or wire for quotations.

Colby Pioneer Peat Co., Inc.
Hanlontown, Iowa

HYPONEX PLANT FOOD

HYPONEX is a complete plant food that will grow superior plants in soil, or even sand or water. Use HYPONEX for germination of seeds (helps to prevent damping-off). Cuttings (keeps them succulent until ready for transplanting). Transplanting (reduces shock and wilting), and for general feeding of flowers, vegetables, trees and lawns. Better root systems. Greater substance in stems, larger flowers.

Buy from your jobber or send \$1.00 for 1-lb. sample (makes 100 gals.); dollar credited on first order for 1 case for resale or 10-lb. drum for own use.

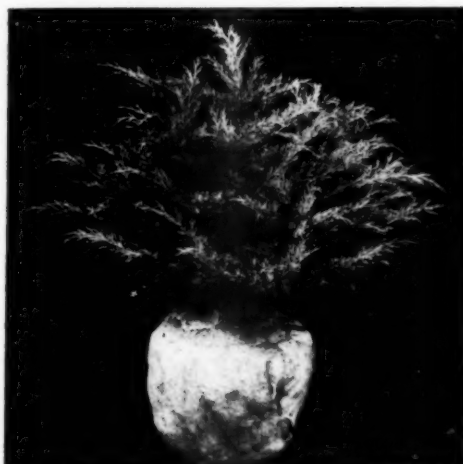
Write jobber or direct to us for prices

HYDROPONIC CHEMICAL CO., Inc.
315 West 39th Street, New York 18, N. Y.



GROW BEST STOCK
at LESS COST with
KEMP Power
SOIL SHREDDERS
Full information in Catalogue
KEMP MANUFACTURING CO.
Dept. AN-214
1827 E. 28th St., Erie, Pa.

Sizes for Large
and Small Growers



JUNIPER GLAUCA HETZI

A spreading-type evergreen, decidedly blue, rapid in growth, and stands shearing well, making fine heavy stock.

It closely resembles Pfitzeriana, but has the advantages of the blue-colored foliage and is somewhat more rapid and denser in growth. It makes up more readily as a staked spreader and is much more easily propagated by cuttings.

In 32 years of full line production and heavy propagation this is the only new evergreen we have really propagated in quantity. We feel that it will be worthy of our customers' confidence and will make a profitable item.

Under date of June 11, 1942, we sent a letter to those having purchased liners suggesting that these be staked to 12 or 15 inches and that it could readily be staked higher for a staked spreader. It does make a fine staked spreader. However, one more year's experience prompts us to tell you that we were somewhat in error, for the plants headed down to 6 inches and kept cut close until they had a good crown developed into better specimens in less time.

Our block of 4 yr. TT material now runs 15 to 30 inches in width, is well filled and mostly 15 to 18 inches in height. The fine blue coloring has been outstanding in this large block, and we feel that the nurseryman who has not stocked it has really missed a good item.

Our supply of propagated liners is now adequate to take care of quantity orders.

POLICY: It is our desire to get this evergreen widely distributed throughout the trade and to serve as a source of lining-out stock for the next few years. We have priced it reasonably and will endeavor to hold this price constant until affected by outside propagation. Not patented.

			Per 100	Per 1000
40,000	1 yr. T	6 to 9 ins.	\$17.50	\$160.00
28,000	2 yr. T	10 to 15 ins.	25.00	230.00
			Per 10	Per 100
	B&B	15 to 18 ins.	\$15.00	\$135.00
	B&B	18 to 24 ins.	18.00	160.00
	B&B	2 to 2½ ft.	22.50	195.00

Write for our general list of liners and B&B materials.

FAIRVIEW EVERGREEN NURSERIES

F. C. HETZ & SONS,
Props.

Fairview, Erie Co., Pa.

25,000

14x16

BURLAP SQUARES

2c each.

L. ATKIN'S SONS

P. O. Box 167 Rochester, N.Y.

HANSEN BUSH CHERRY

One of the fastest selling items for catalogue or agents, especially this year with the shortage of fruit tree stocks. A leading fruit plant and ornamental. We have a splendid lot of the Latest Improved Selections. We can supply many photos, cuts, colored prints, etc.

Size	Grade	Per 100	Per 1000
12 to 18 ins., 2-yr., branched		\$10.00	\$ 75.00
18 to 24 ins., 2-yr., branched		12.50	100.00
2 to 3 ft., 2-yr., branched		15.00	125.00
3 to 4 ft., 2-yr., branched		17.50	150.00
Super Grade, 2 to 3 ft., 3-yr., well branched		25.00	200.00
Super Grade, 3 to 4 ft., 3-yr., well branched		30.00	250.00

CARL A. HANSEN NURSERY

Brookings,
South Dakota

Ship in CANVAS

Canvas bags—once you've used them—will get your preference over ordinary shipping materials. Canvas gives better protection to roots, looks neater, wears better. And Dandux Canvas costs no more in the long run. Dandux Canvas is serving leading nurserymen in many ways. Make our nearest office your canvas consultation headquarters.

C. R. DANIELS, INC.

Manufacturers of Everything of Canvas

NEW YORK CHICAGO LOS ANGELES
Boston Cleveland Newark
Buffalo Detroit Philadelphia
Cincinnati Dallas Pittsburgh
Offices in Other Principal Cities

SANI-SOIL

The perfect mulch and soil conditioner

BAMBOO CANES — RAFFIA — BULBS

McHUTCHISON & CO.

95 Chambers St. New York 7, N. Y.

GENUINE BURLAP SQUARES 50,000

Ready for shipment.

Size approx. 24x24 inches at

\$35.00 per 1000

F. O. B. Richmond, Va.

No priority required at present.

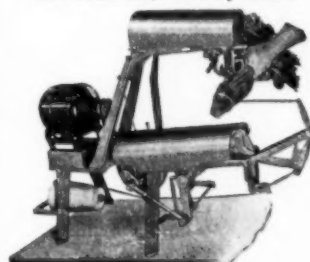
Enclose payment with order.

ACORN BAG & BURLAP CO.

915 N. Delaware Ave.
PHILADELPHIA, PA.

**Save Save Save
Time Twine Labor**
with **FELINS ELECTRIC BUNCH TYER**

For Bunch Vegetables,
Cut Flowers, Nursery Stock



FELINS

Milwaukee 6

Wisconsin



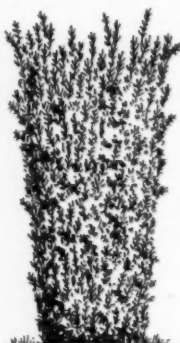
Upright Japanese Yew

HILL'S

YEWS FOR LINING OUT

The demand for Yews throughout the middle west continues strong with every indication that these trees are going to prove among the most popular ornamental stock in the future.

The Yews have been an important item with us for many years and we are now in position to furnish a choice assortment of leading popular and hardy types in good lining-out grades as follows:



Hatfield Yew

<i>Taxus cuspidata capitata</i> (Upright Japanese Yew)		
	Per 100	Per 1000
6 to 8-inch x flats	\$16.00	\$140.00
6 to 8-inch xx frames	20.00	180.00
8 to 10-inch xx frames	22.00	200.00

<i>Taxus cuspidata hatfieldi</i> (Hatfield Yew)		
	Per 100	Per 1000
6 to 8-inch xx frames.....	\$22.00	\$200.00

<i>Taxus media hicksi</i> (Hicks Yew)		
	Per 100	Per 1000
8 to 10-inch x flats.....	\$12.00	\$100.00
6 to 8-inch xx frames..	16.00	140.00
8 to 10-inch xx frames..	18.00	160.00
10 to 12-inch xx frames..	22.00	200.00
15 to 18-inch xx frames..	40.00	350.00

<i>Taxus cuspidata nana</i> (Dwarf Japanese Yew)		
	Per 100	Per 1000
8 to 10-inch xx frames....	\$30.00	.....

<i>Taxus cuspidata</i> (Spreading Japanese Yew)		
	Per 100	Per 1000
8 to 10-inch xx frames..	\$22.00	\$200.00
10 to 12-inch xx frames..	24.00	220.00
12 to 15-inch xx frames..	26.00	240.00

<i>Taxus cuspidata browni</i> (Brown's Yew)		
	Per 100	Per 1000
6 to 8-inch xx frames.....	\$22.00	\$200.00
8 to 10-inch xx frames.....	24.00	220.00

<i>Taxus media</i> No. 1		
	Per 100	Per 1000
8 to 10-inch xx frames..	\$22.00	\$200.00
10 to 12-inch xx frames..	24.00	220.00

<i>Taxus cuspidata nana pyramidalis hillii</i> (Hill Pyramidal Yew)		
	Per 100	Per 1000
6 to 8-inch xx frames.....	\$22.00	\$200.00

Drop us a line if you do not have our wholesale catalogue and our dealer's descriptive catalogue.



Hicks Yew

D. HILL NURSERY COMPANY

Evergreen Specialists—Largest Growers in America

DUNDEE, ILLINOIS



Dwarf Japanese Yew



Spreading Japanese Yew



Brown's Yew